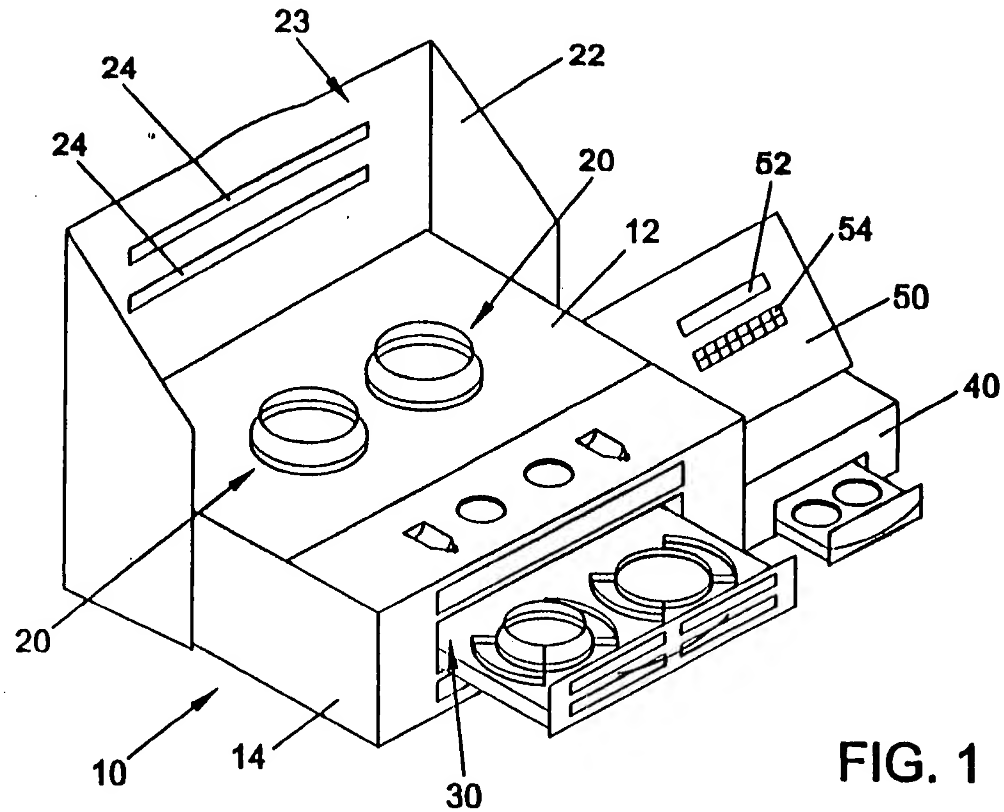


FIG. 1

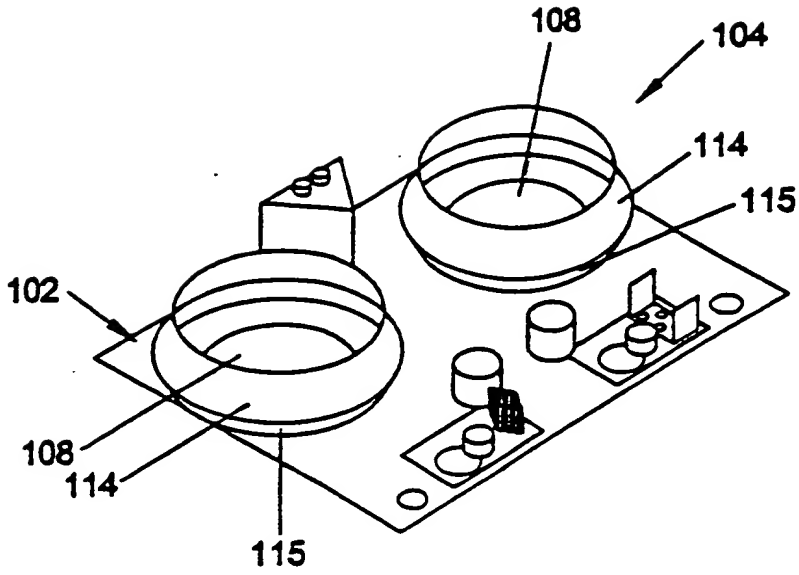


FIG. 2

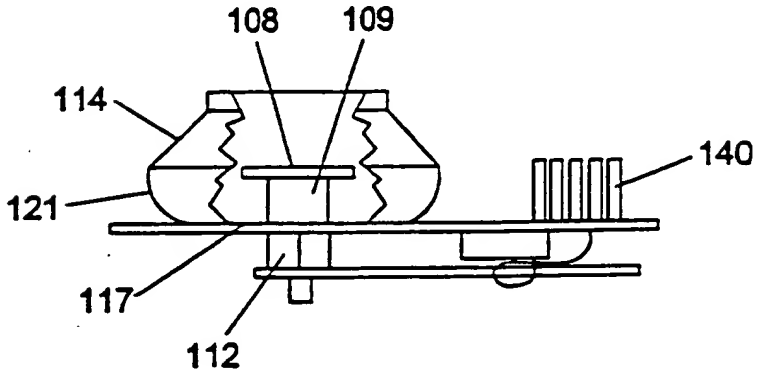


FIG. 3

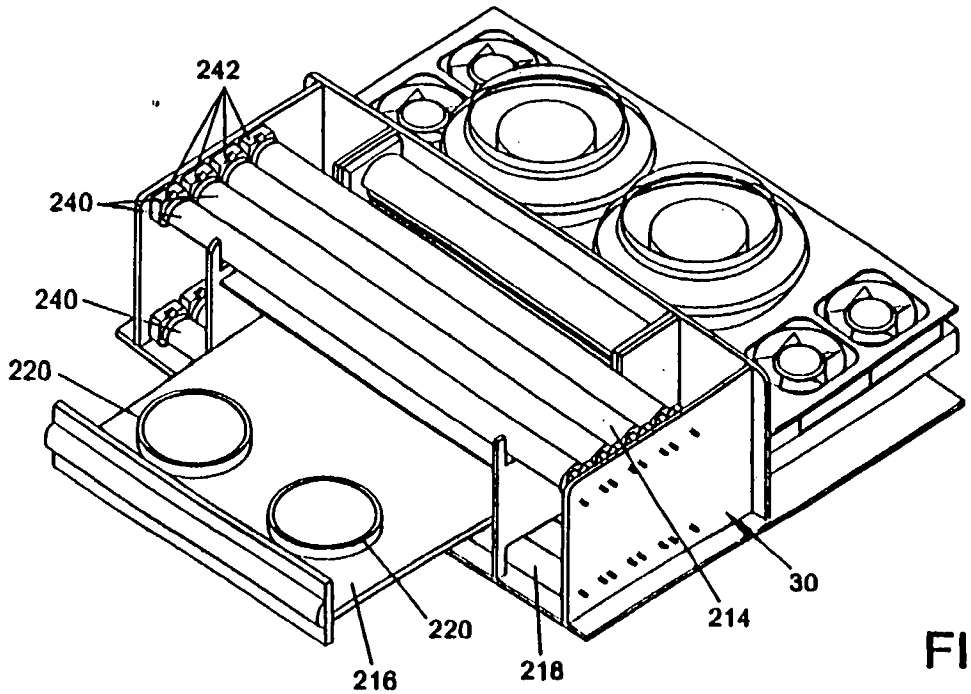


FIG. 4

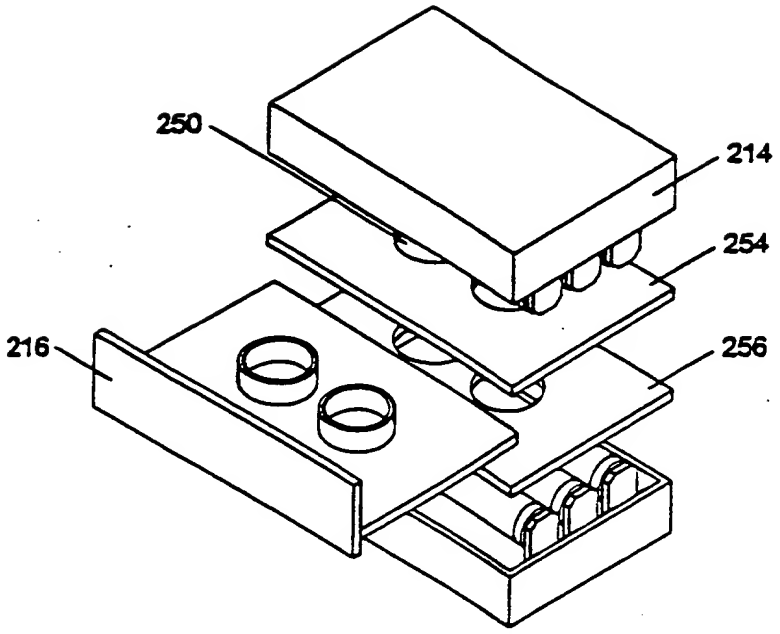


FIG. 5

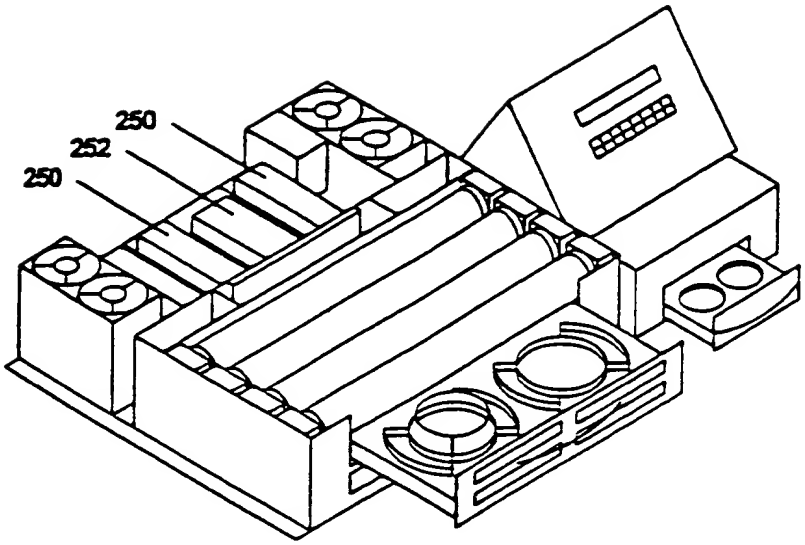


FIG. 6

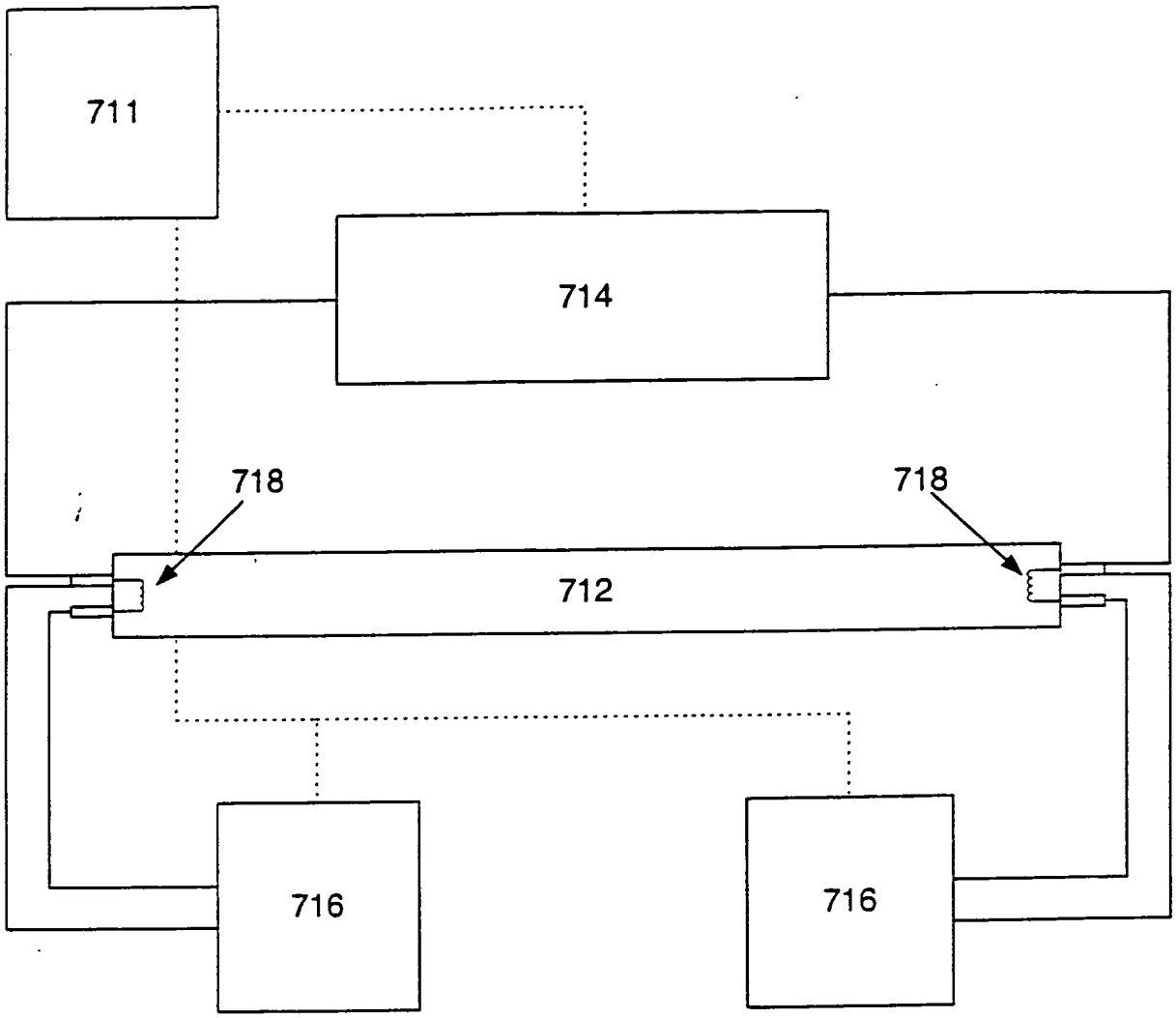


FIG. 7

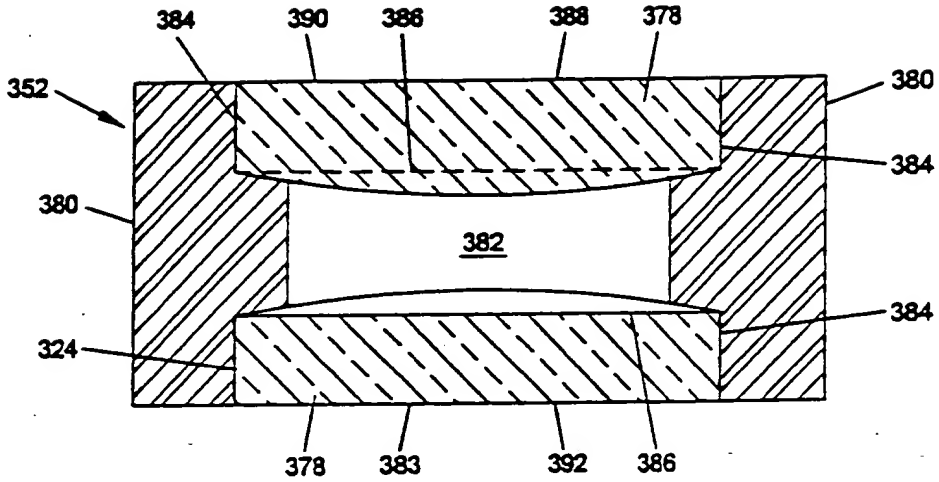


FIG. 8

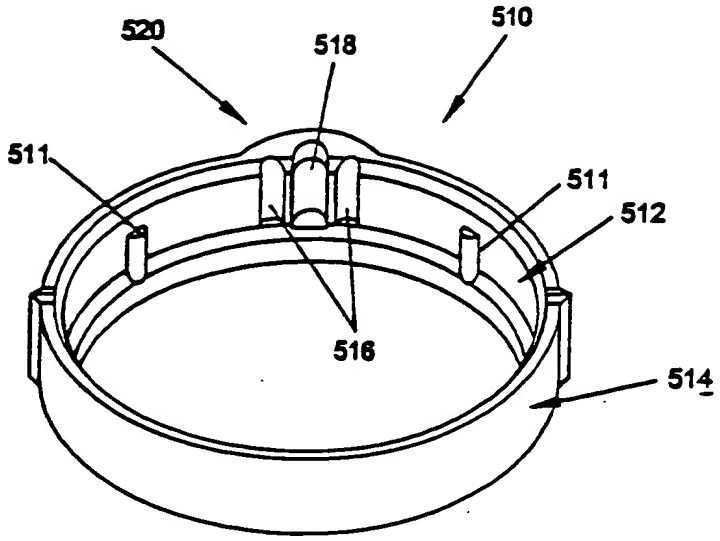


FIG. 9

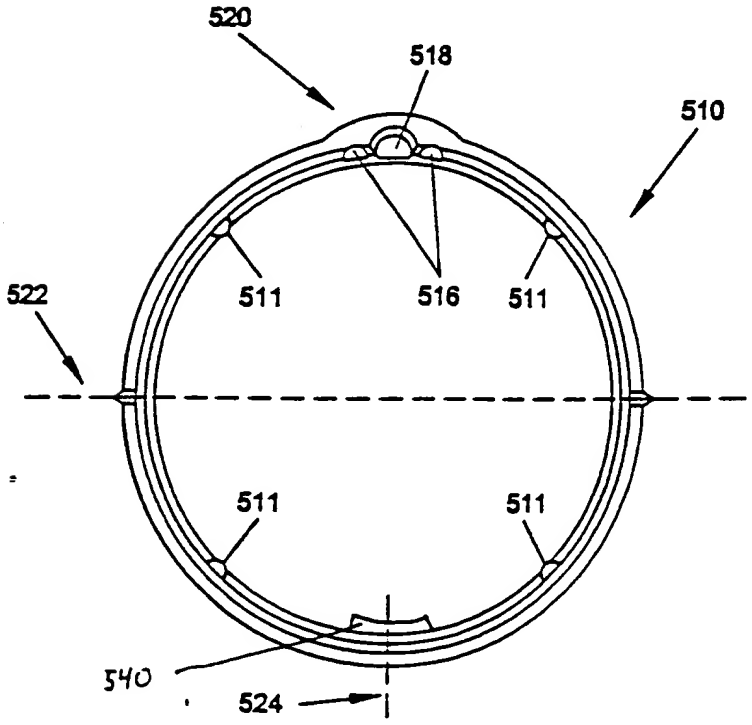


FIG. 10

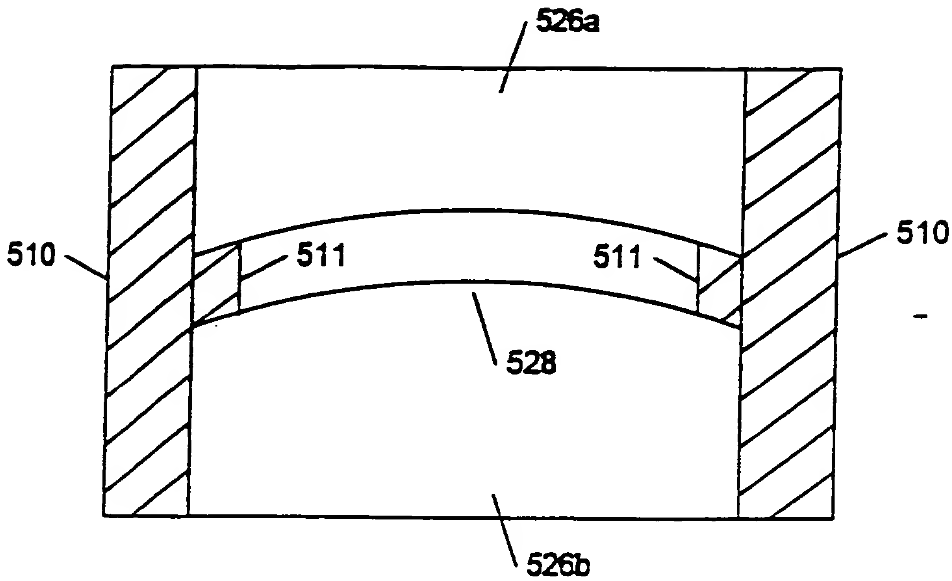


FIG. 11

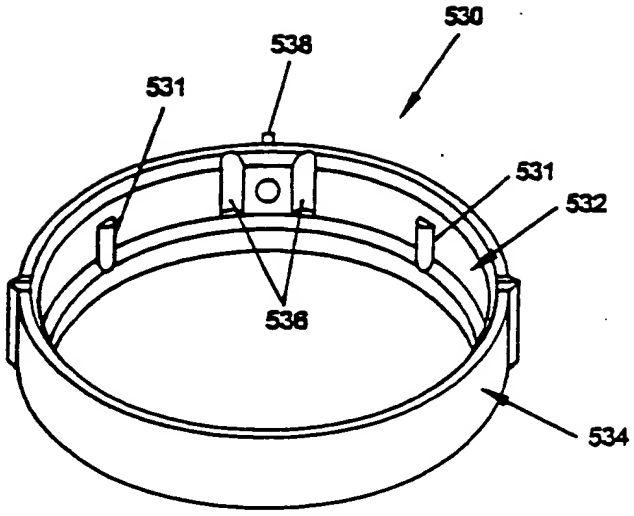


FIG. 12

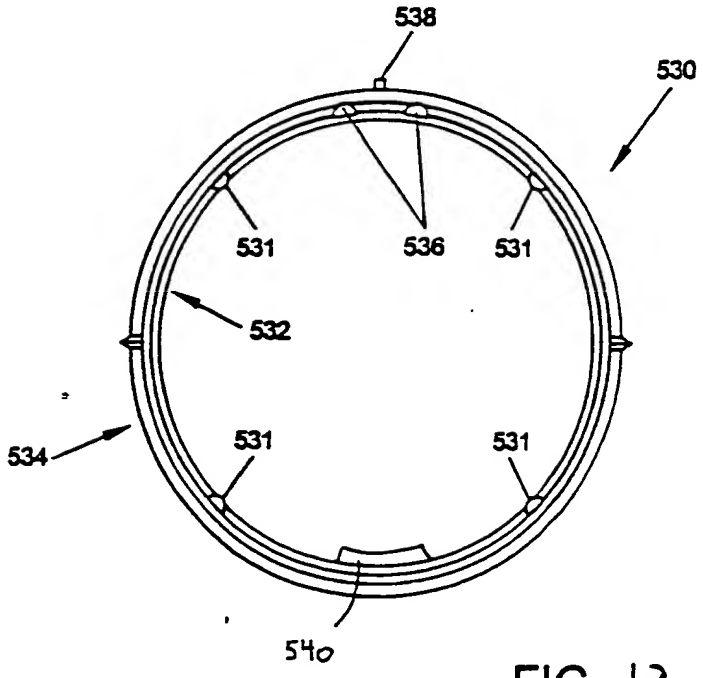


FIG. 13

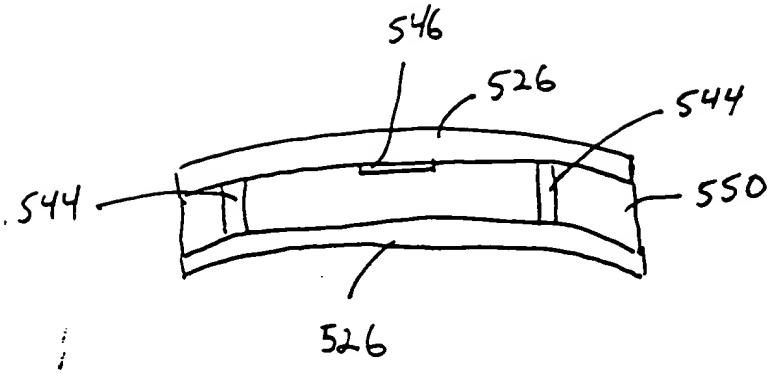


FIG. 14

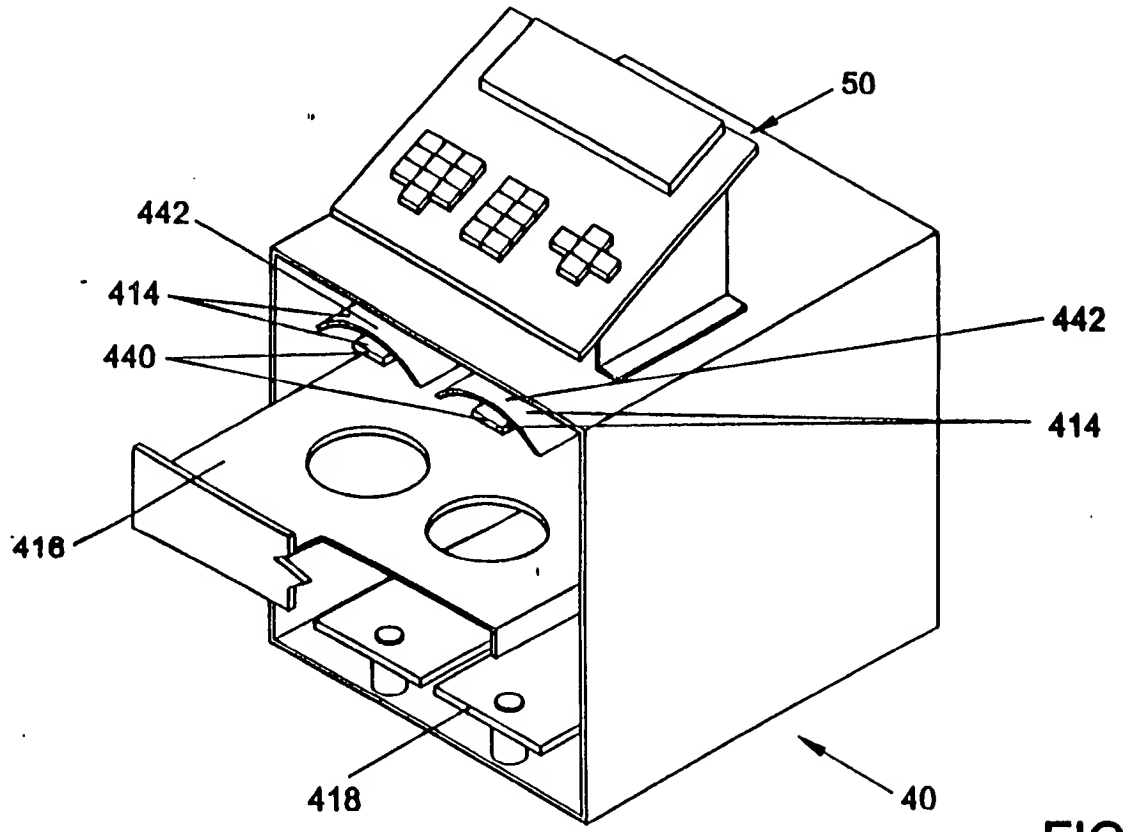


FIG. 15

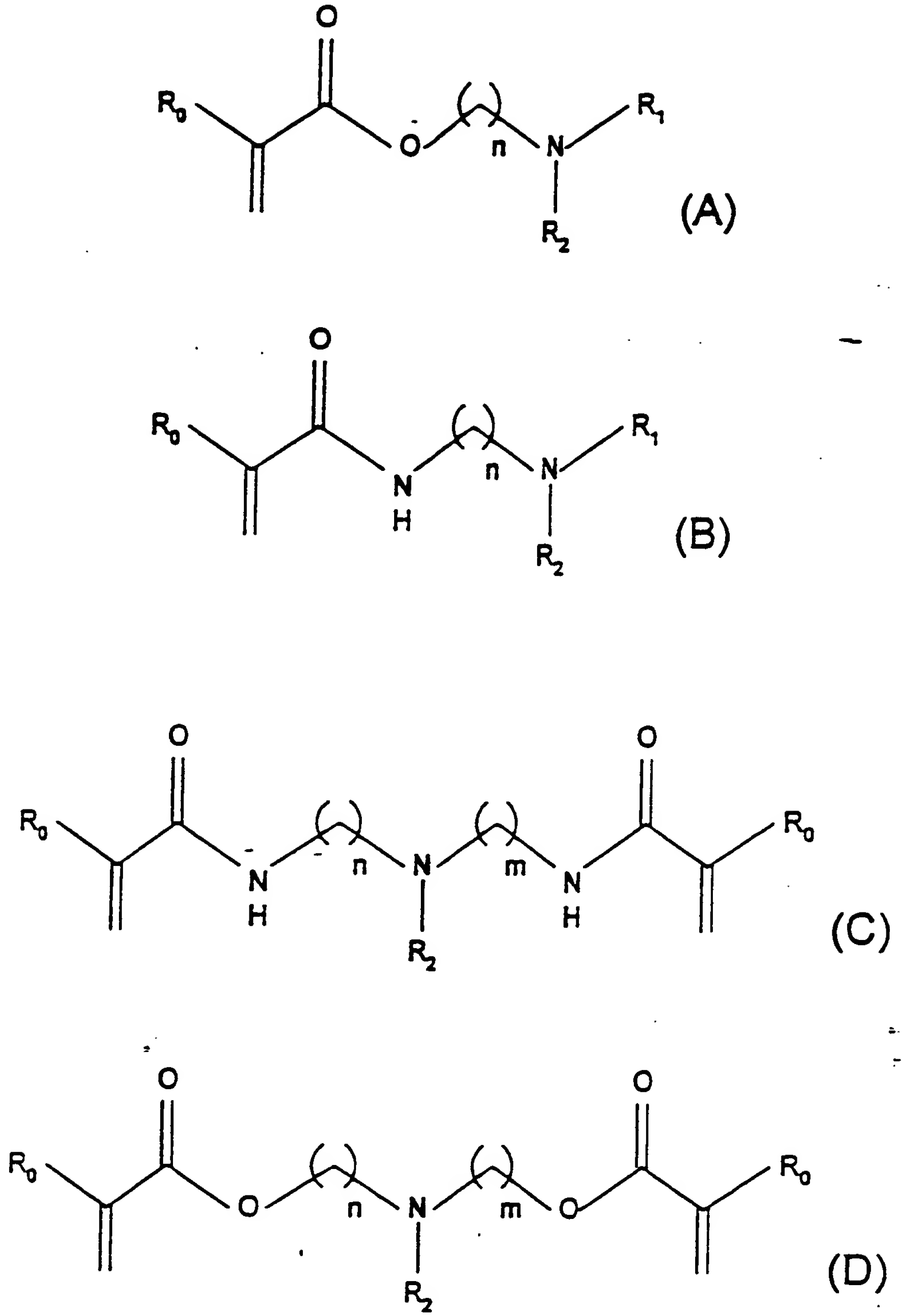

O
R0
R1
n
N
R2
(A)
O
R0
R1
N
H
n
N
R2
(B)
O
O
R0
R0
N
H
n
N
m
N
H
R2
(C)
O
O
R0
R0
O
n
N
m
O
R2
(D)

FIG. 16

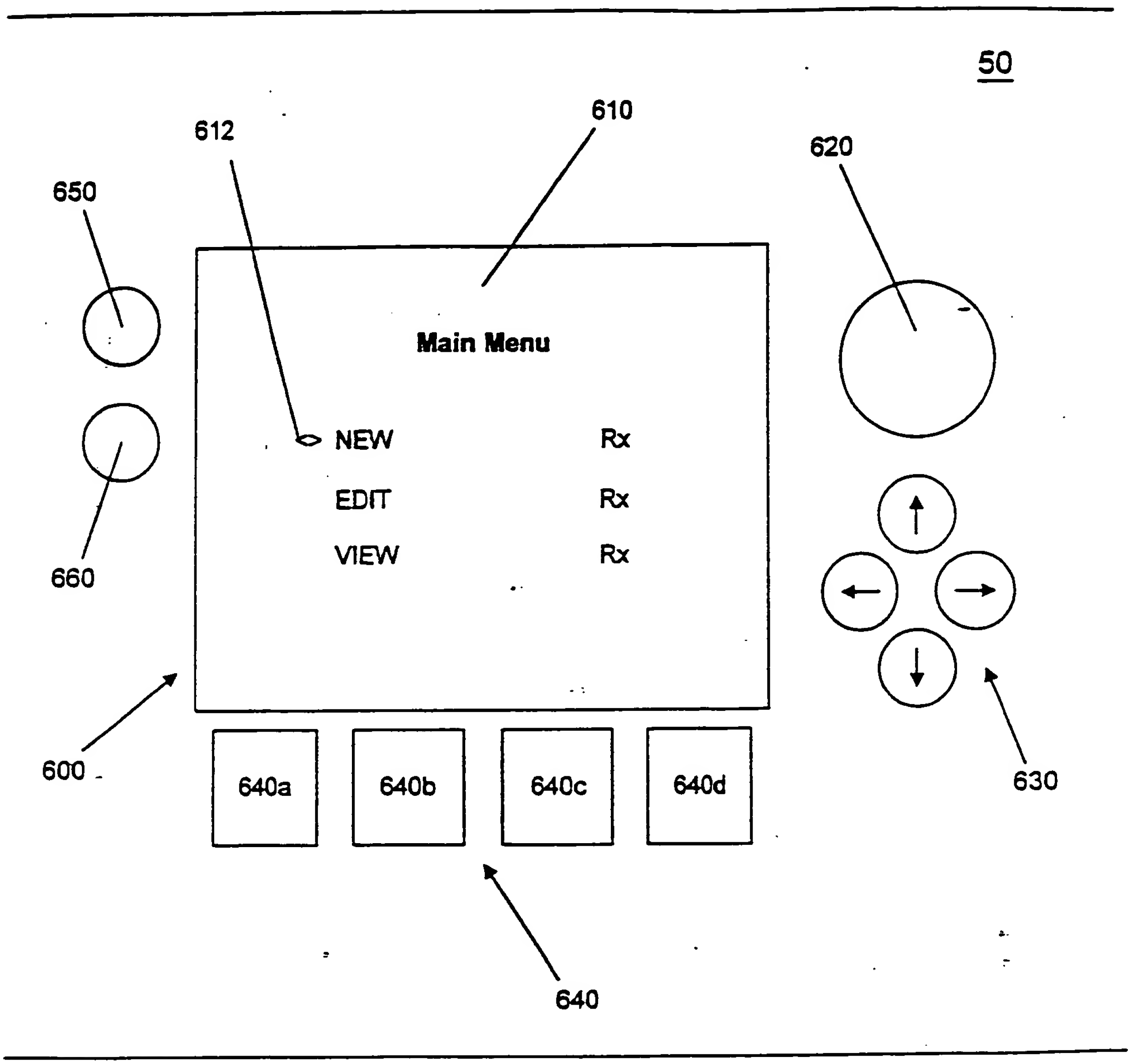


FIG. 17

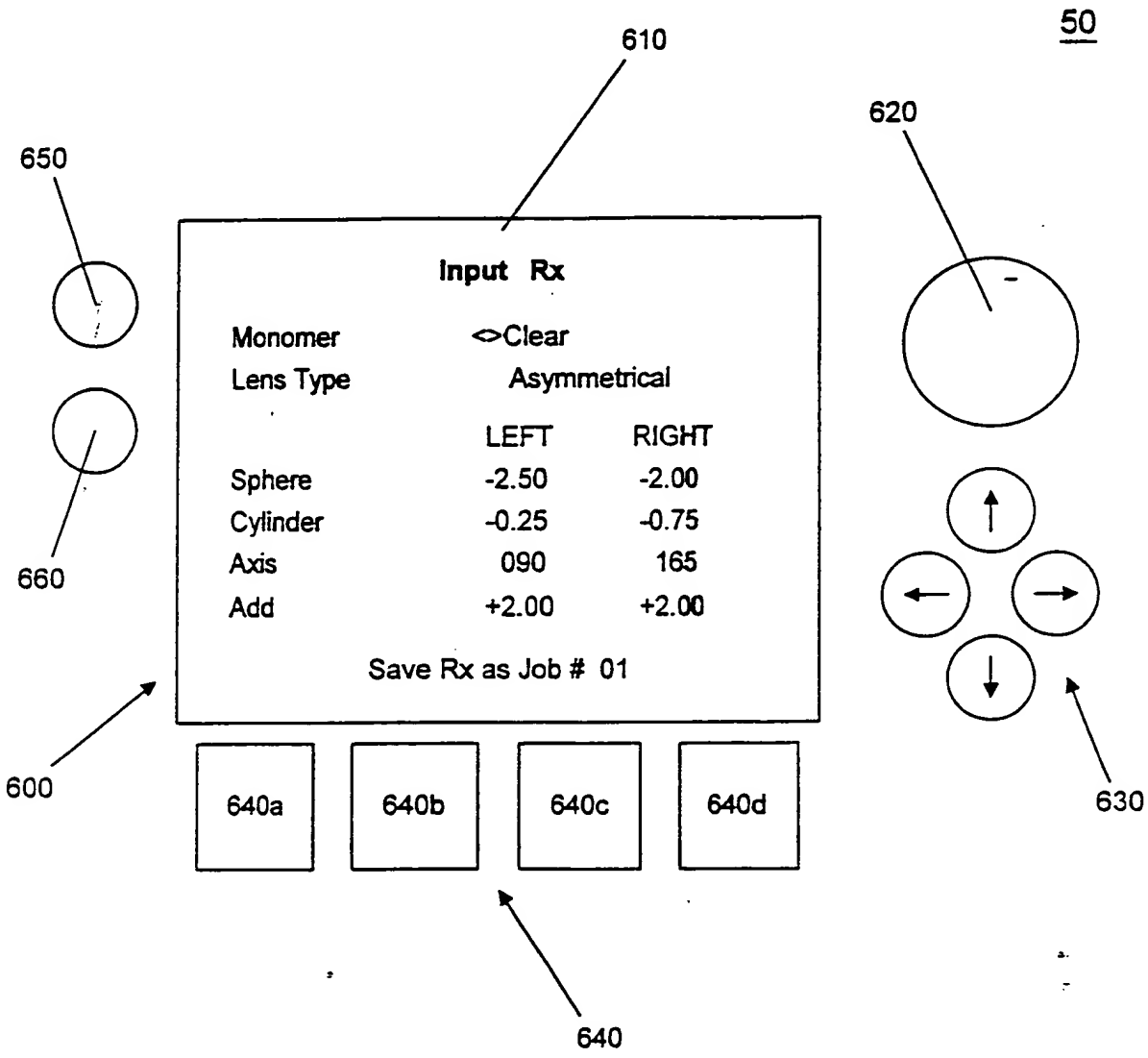

50
610
620
650
Input Rx
Monomer
<>Clear
Lens Type
Asymmetrical
LEFT
RIGHT
Sphere
-2.50
-2.00
Cylinder
-0.25
-0.75
Axis
090
165
Add
+2.00
+2.00
Save Rx as Job # 01
660
600
640a
640b
640c
640d
630
640

FIG. 18

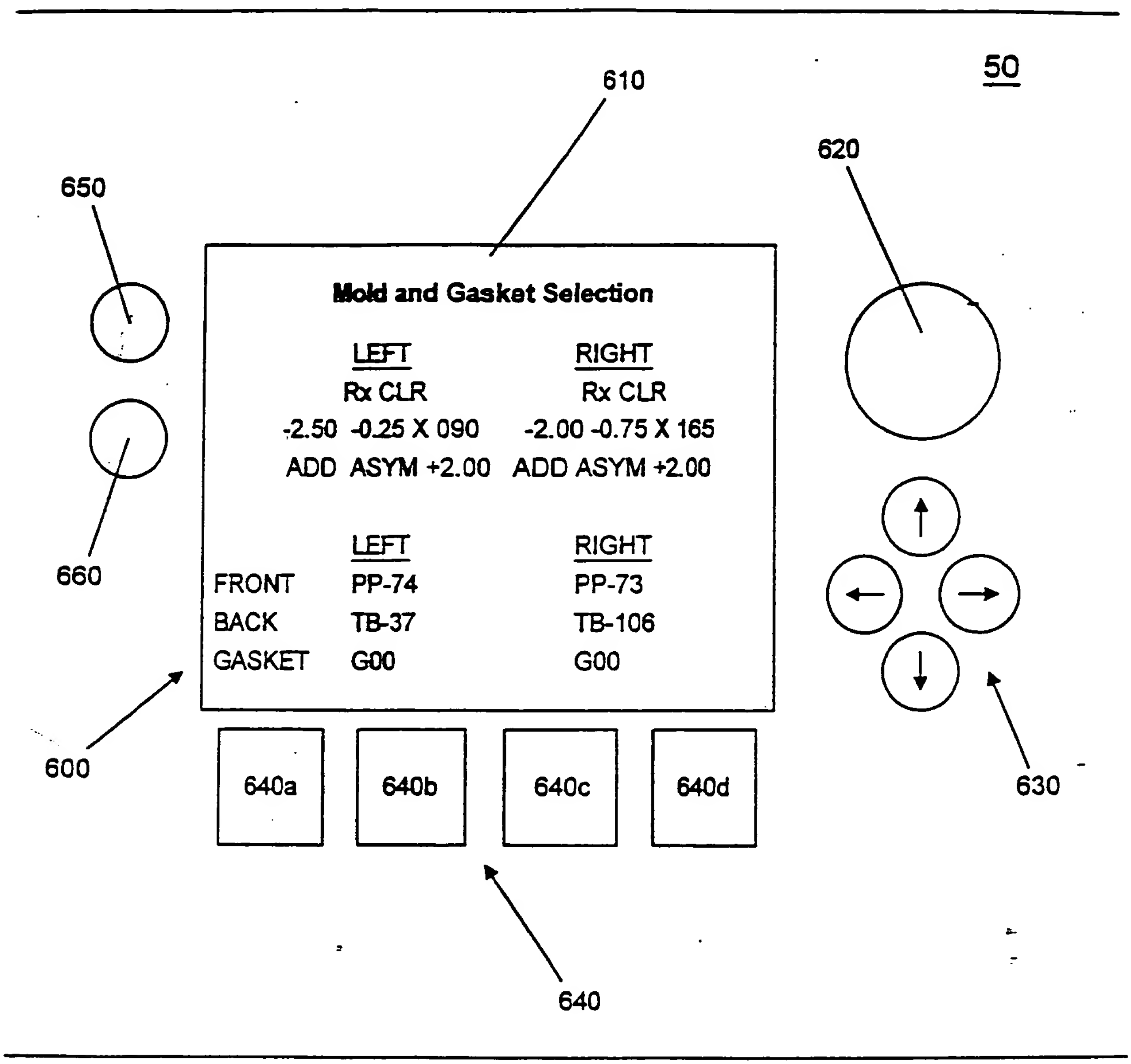


FIG. 19

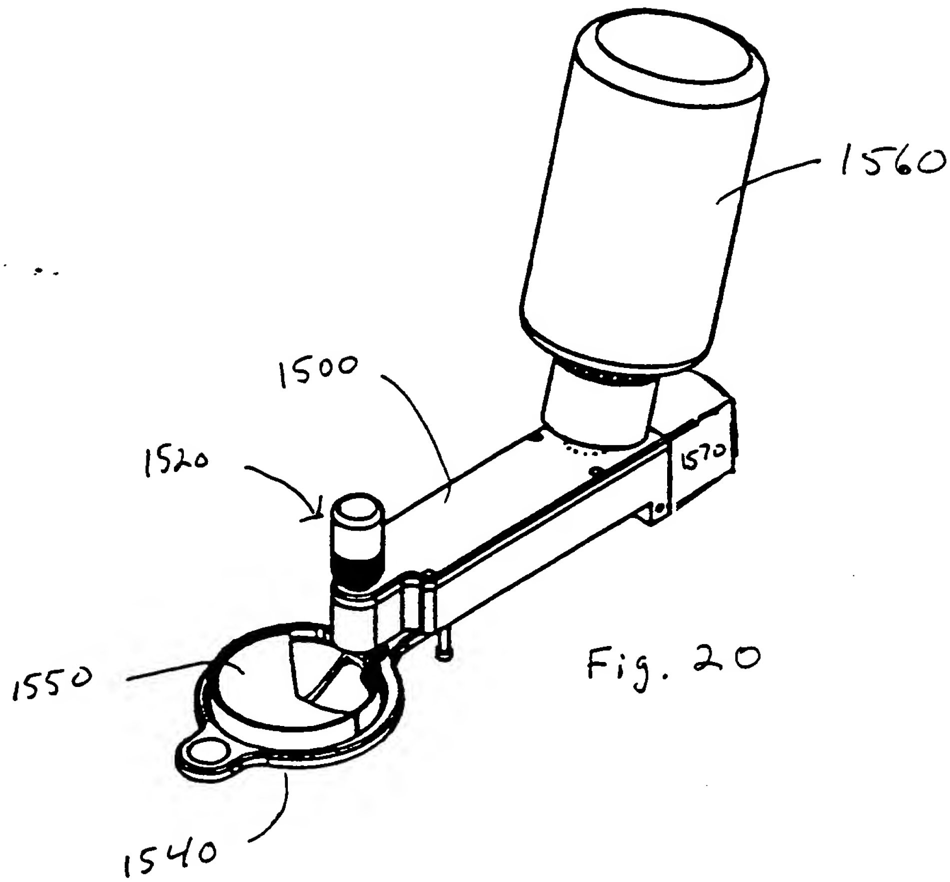


Fig. 20

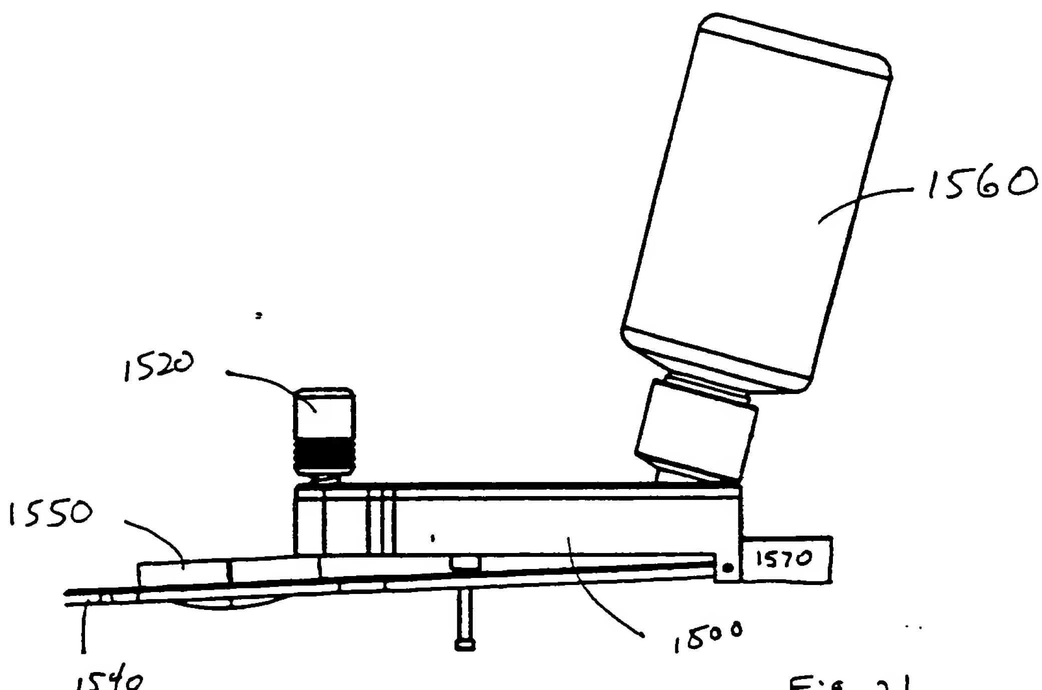


Fig. 21

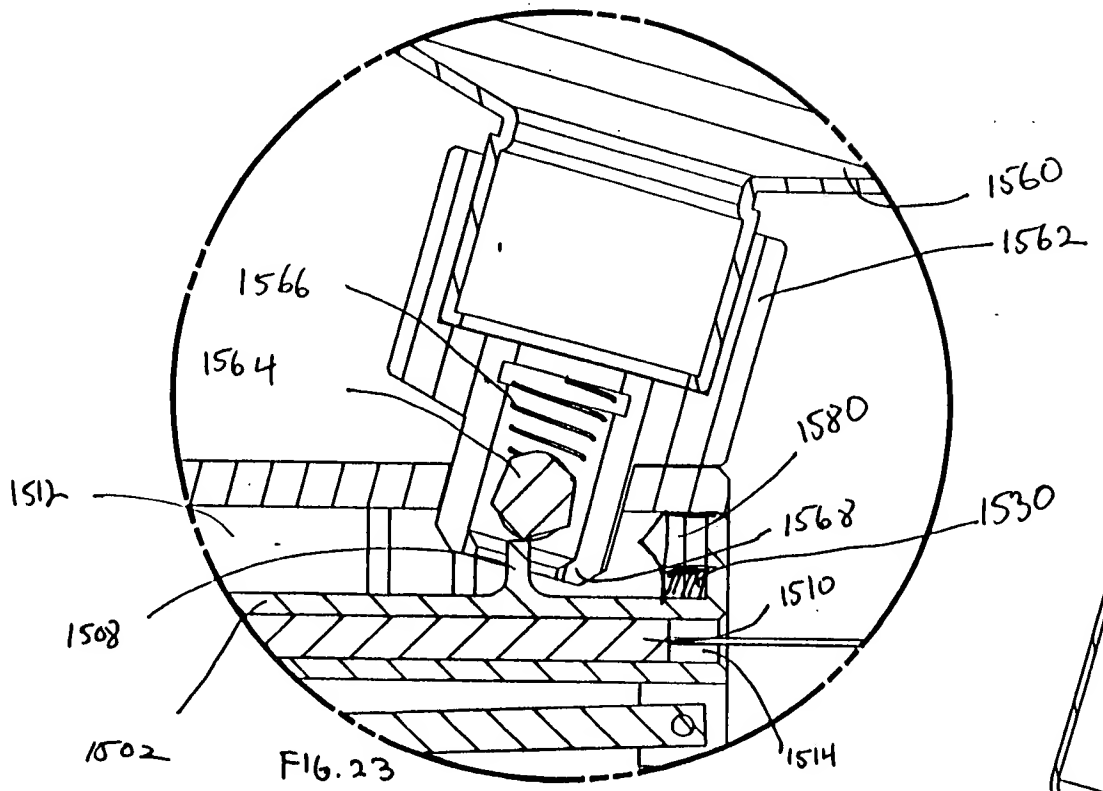

1560
1562
1566
1564
1580
1512
1568
1530
1510
1508
1502
1514

FIG. 23

1560
1569
1562
1524
1502
1504
1512
1506
B
1522
1526
1580
1514
1550
1542
1510
1544

FIG. 22

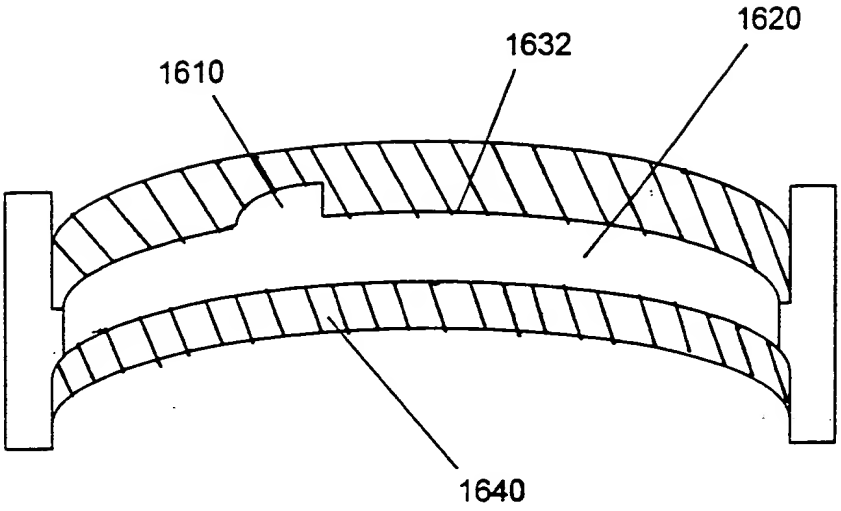


FIG. 24

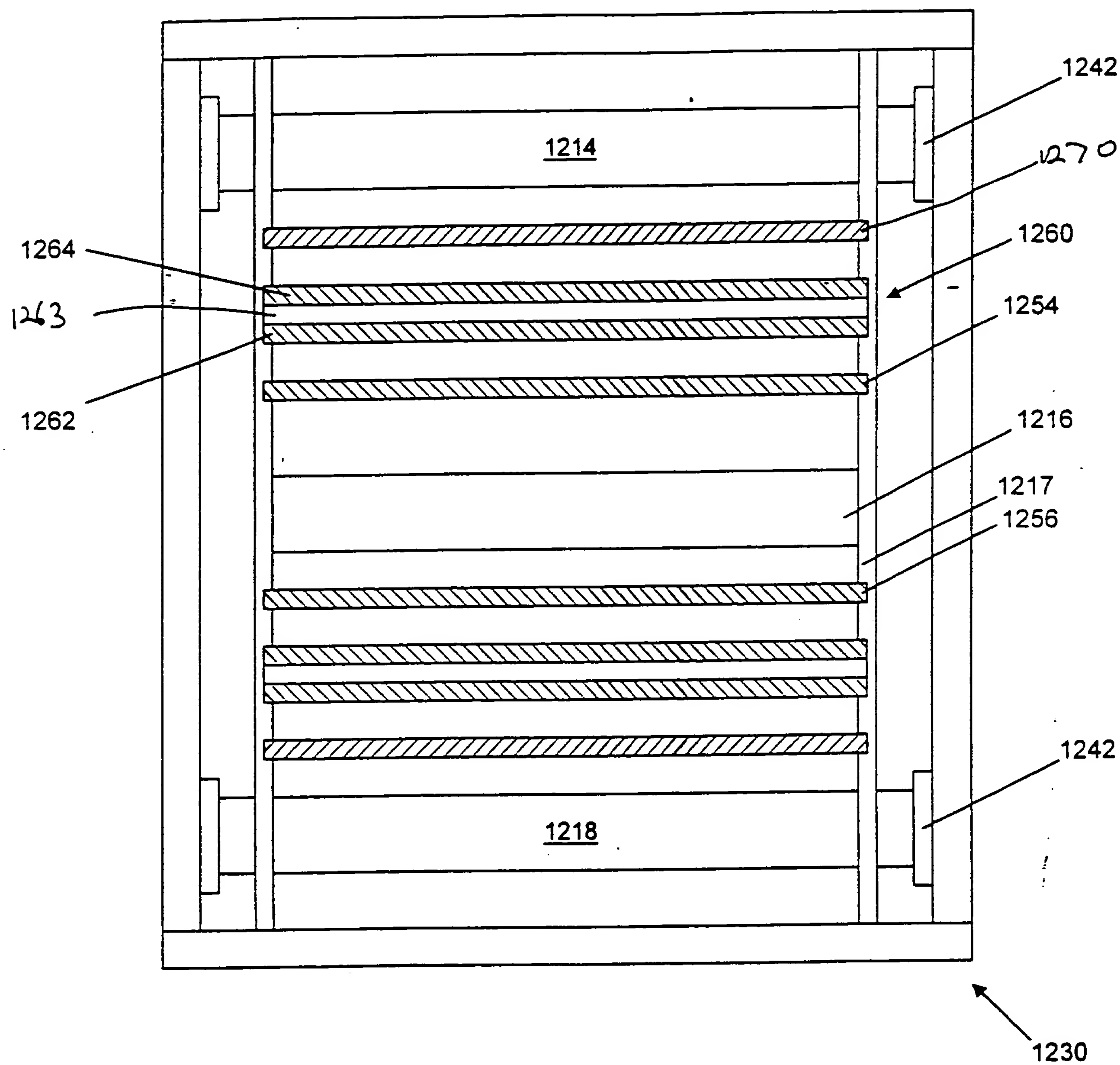


FIG. 25

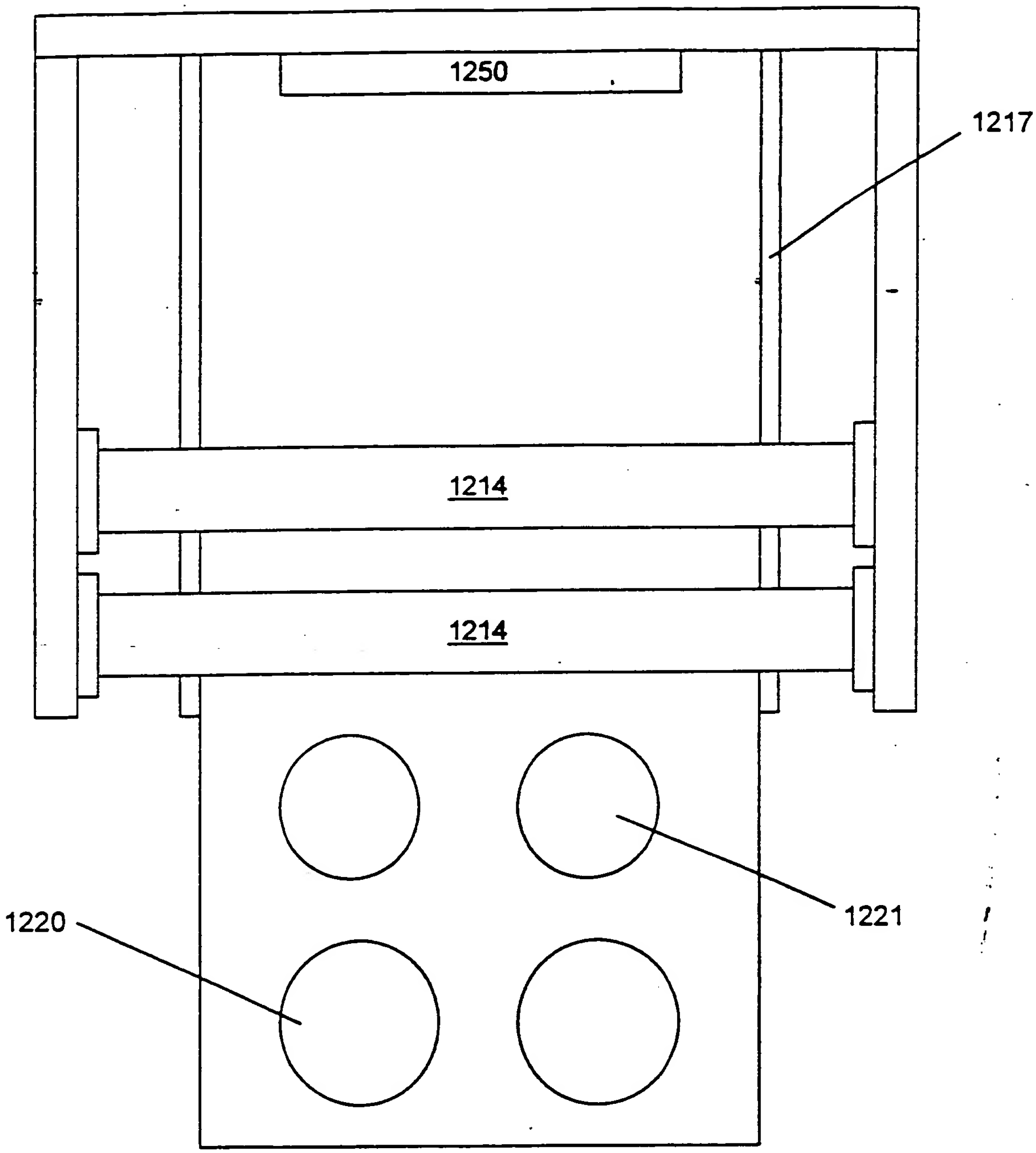


FIG. 26

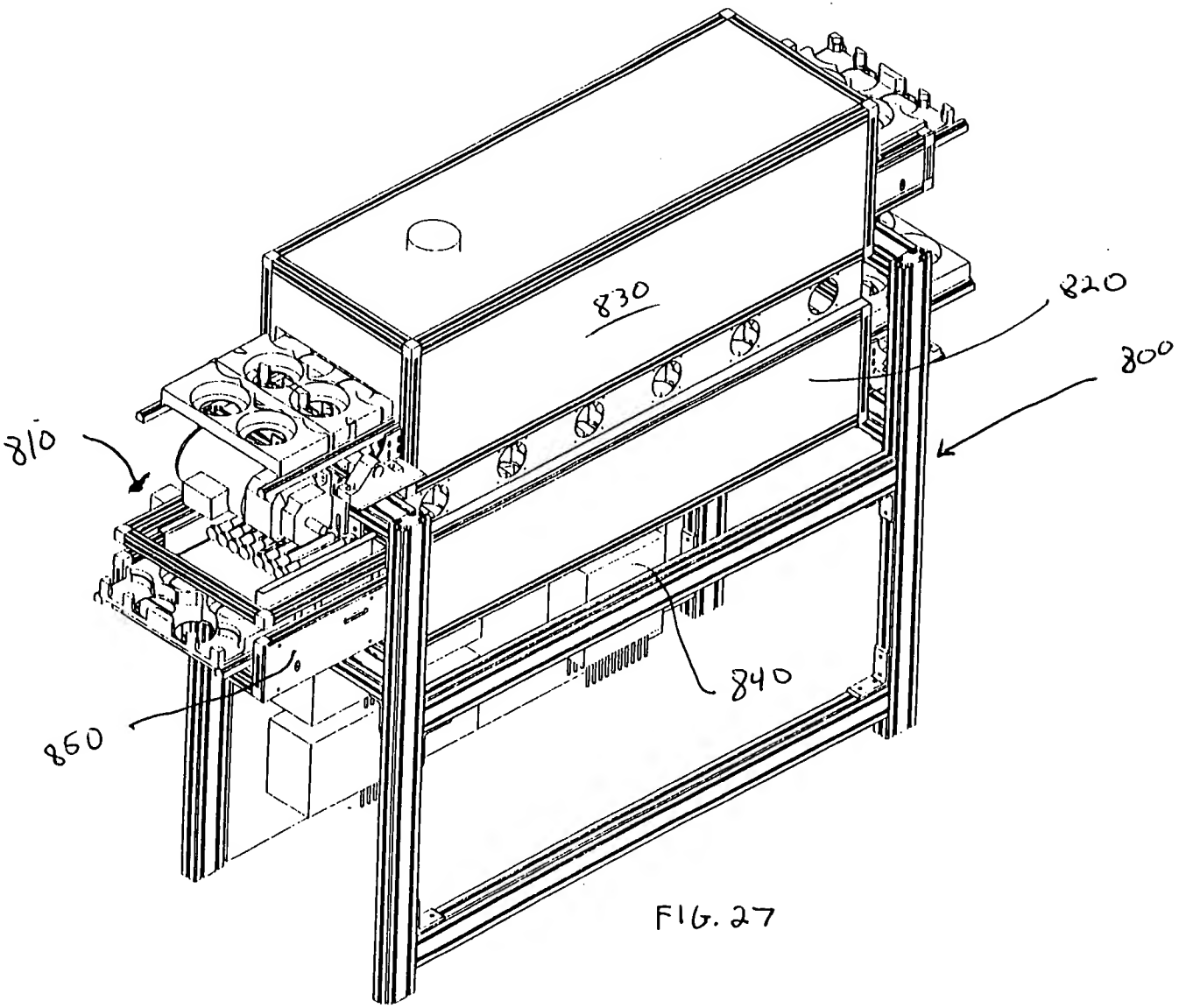


FIG. 27

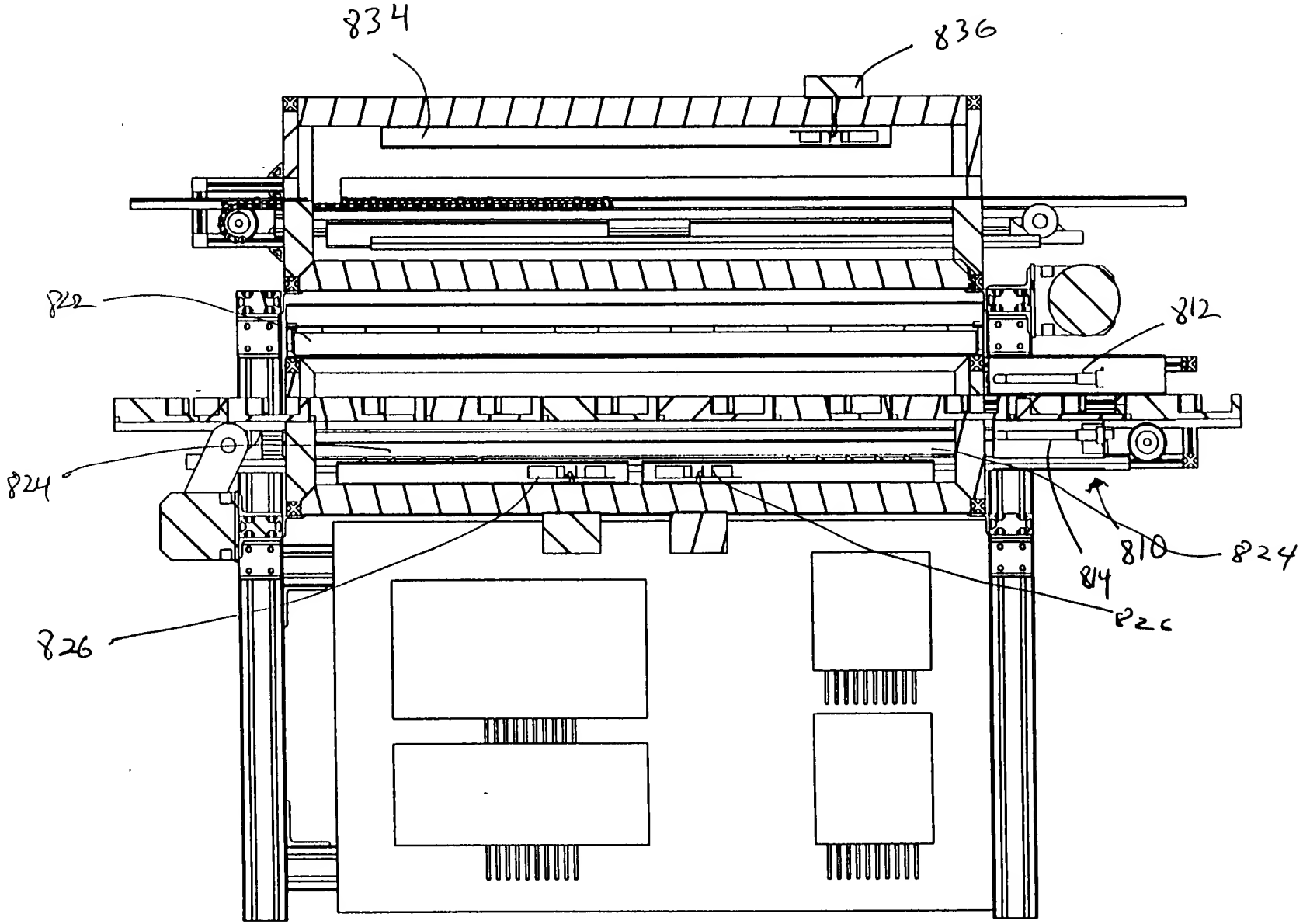


FIG 28

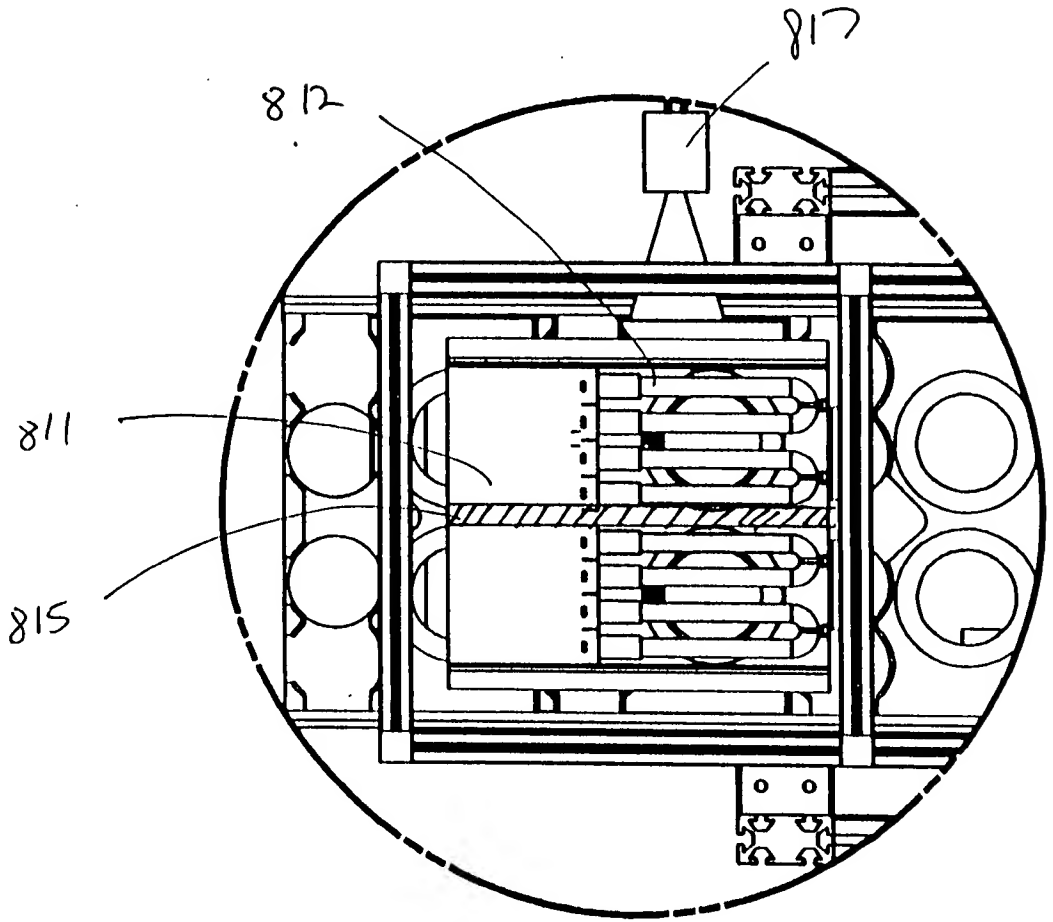


FIG. 29

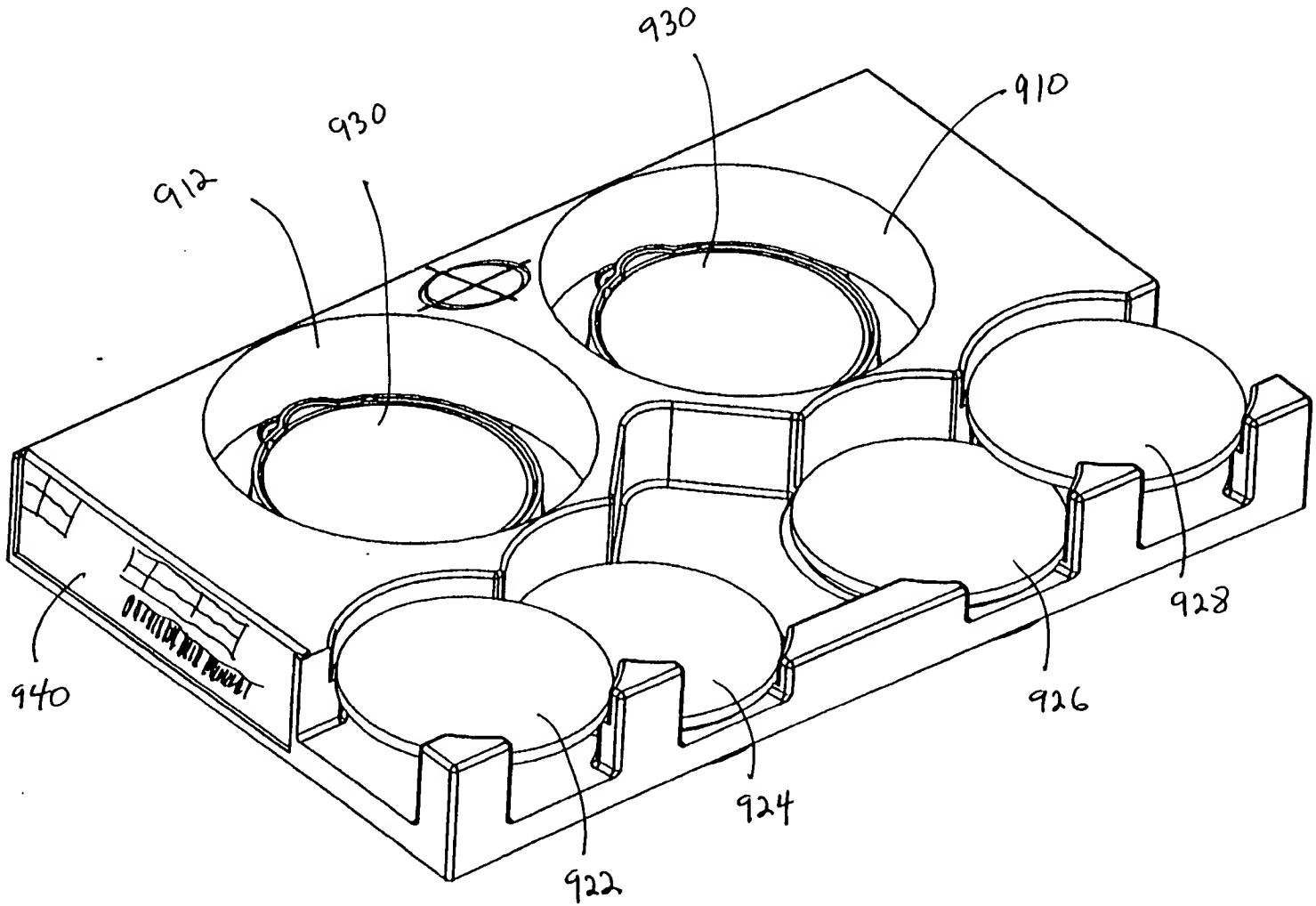


Fig. 30

FIG. 31

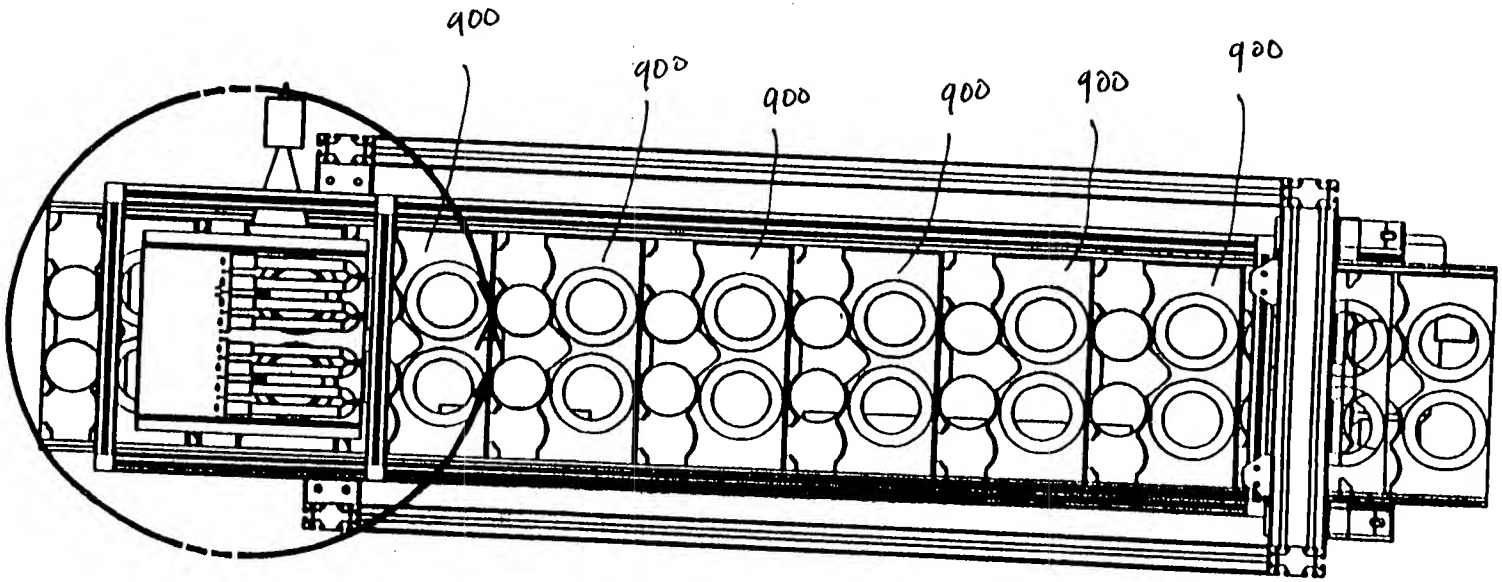


FIG. 32

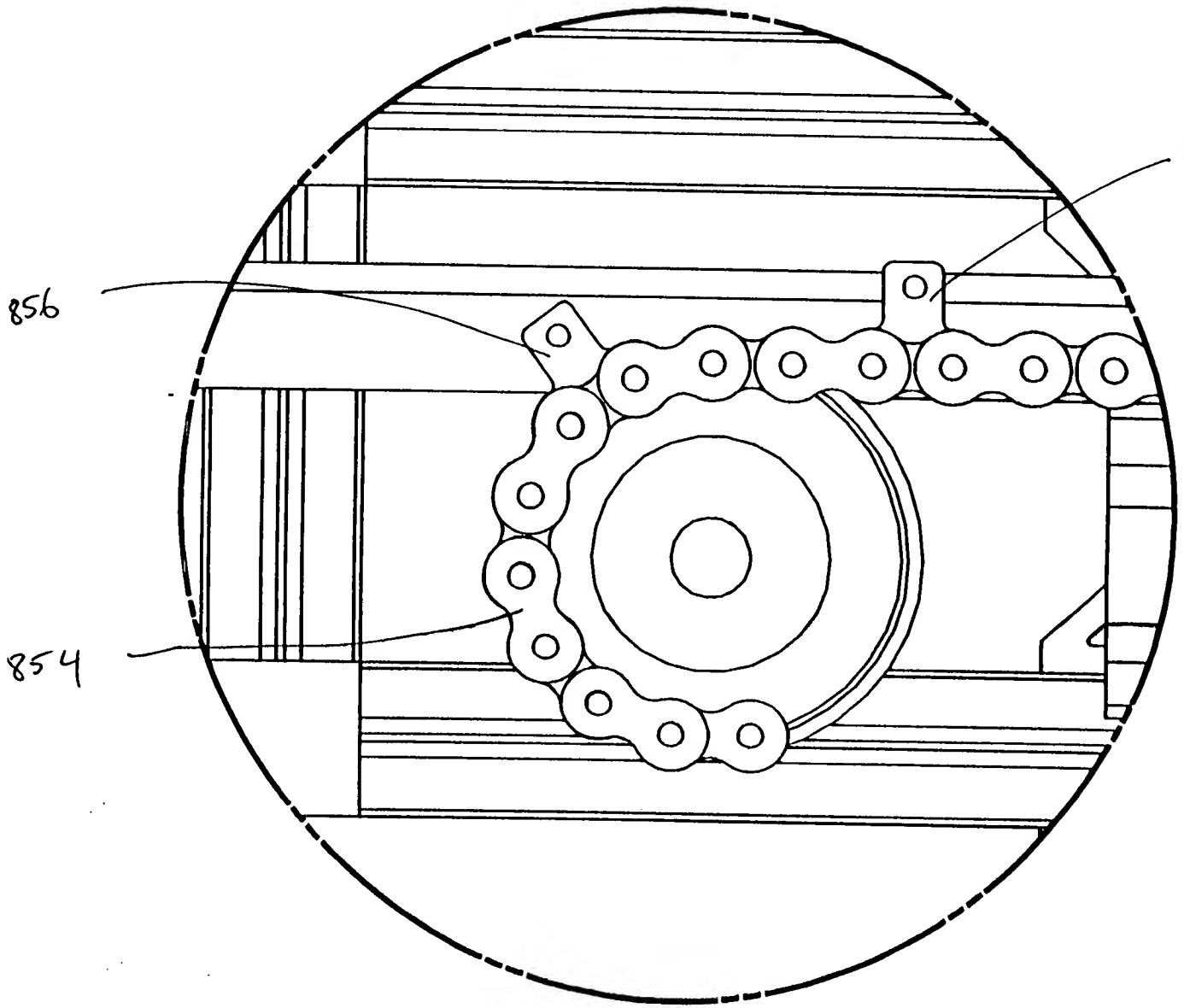


Fig. 33

FIG. 34

FIG. 35

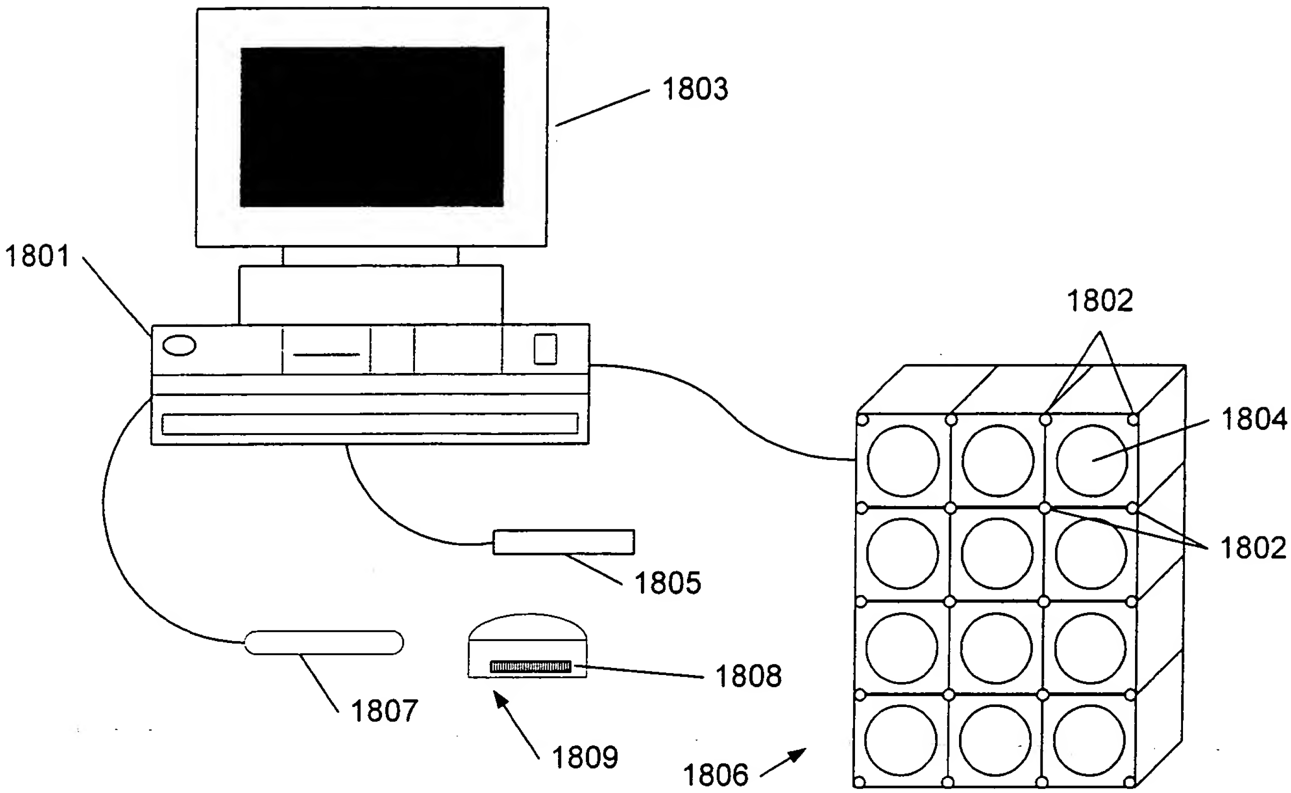
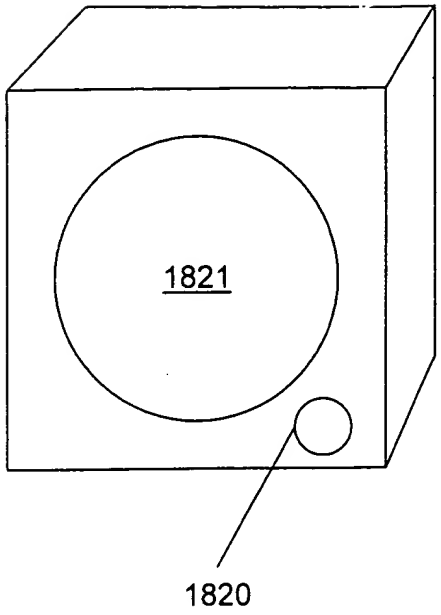
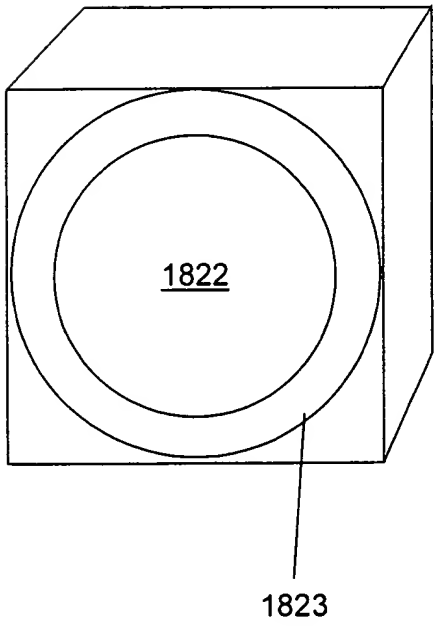


Fig.36



(a)



(b)

Fig. 37

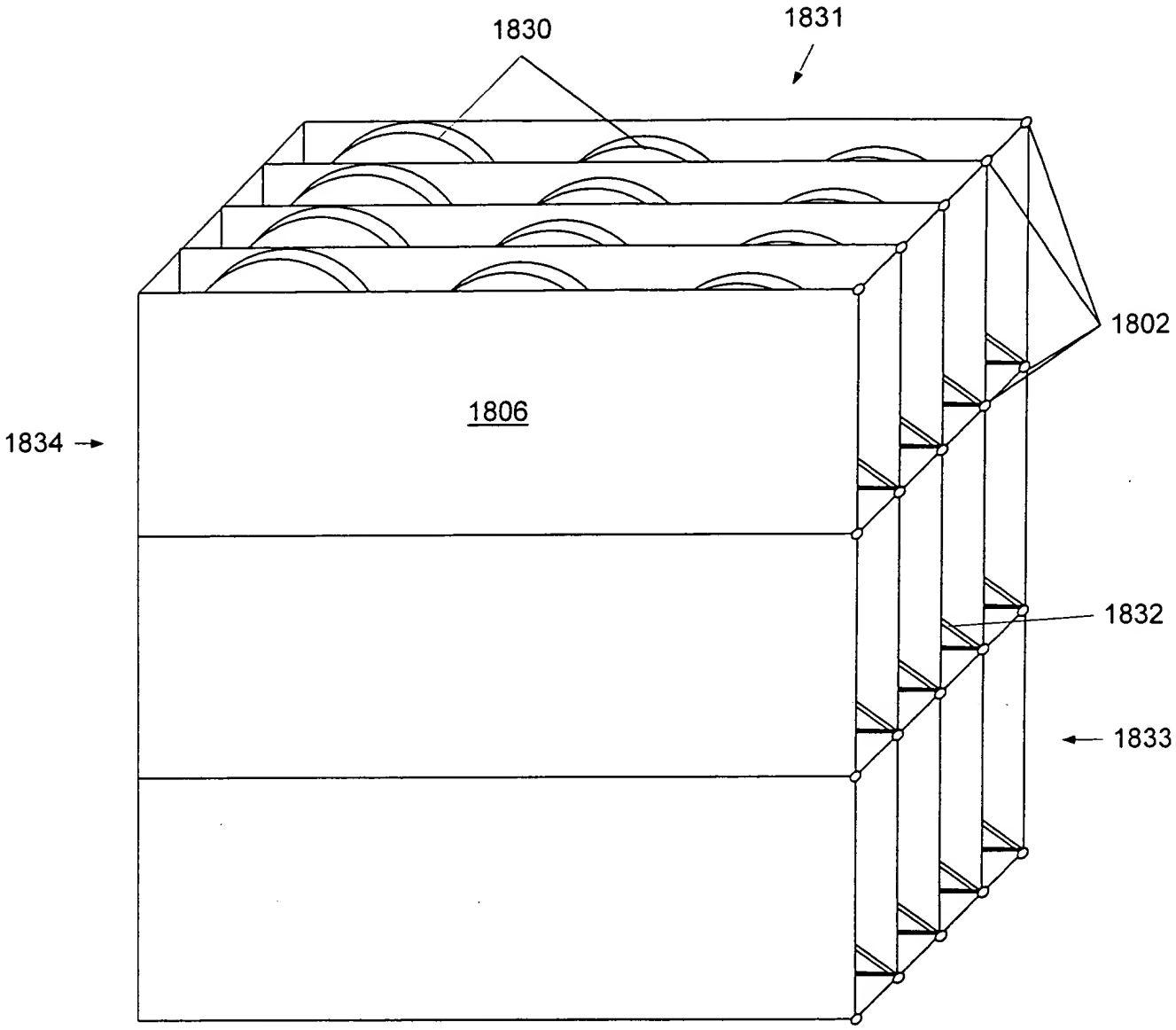


Fig. 38

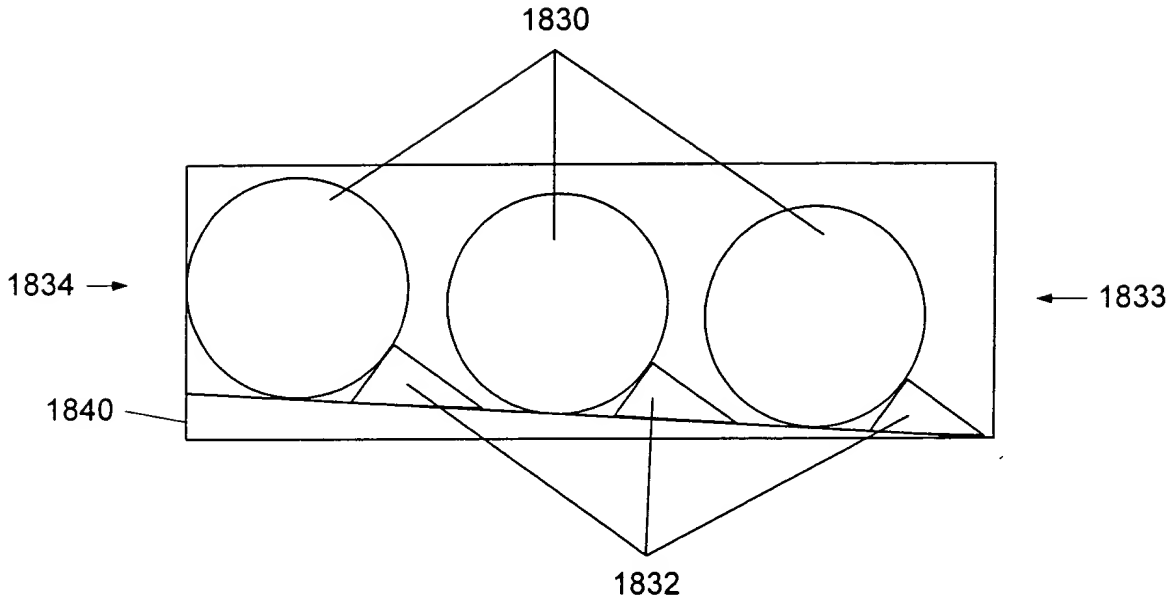


Fig. 39

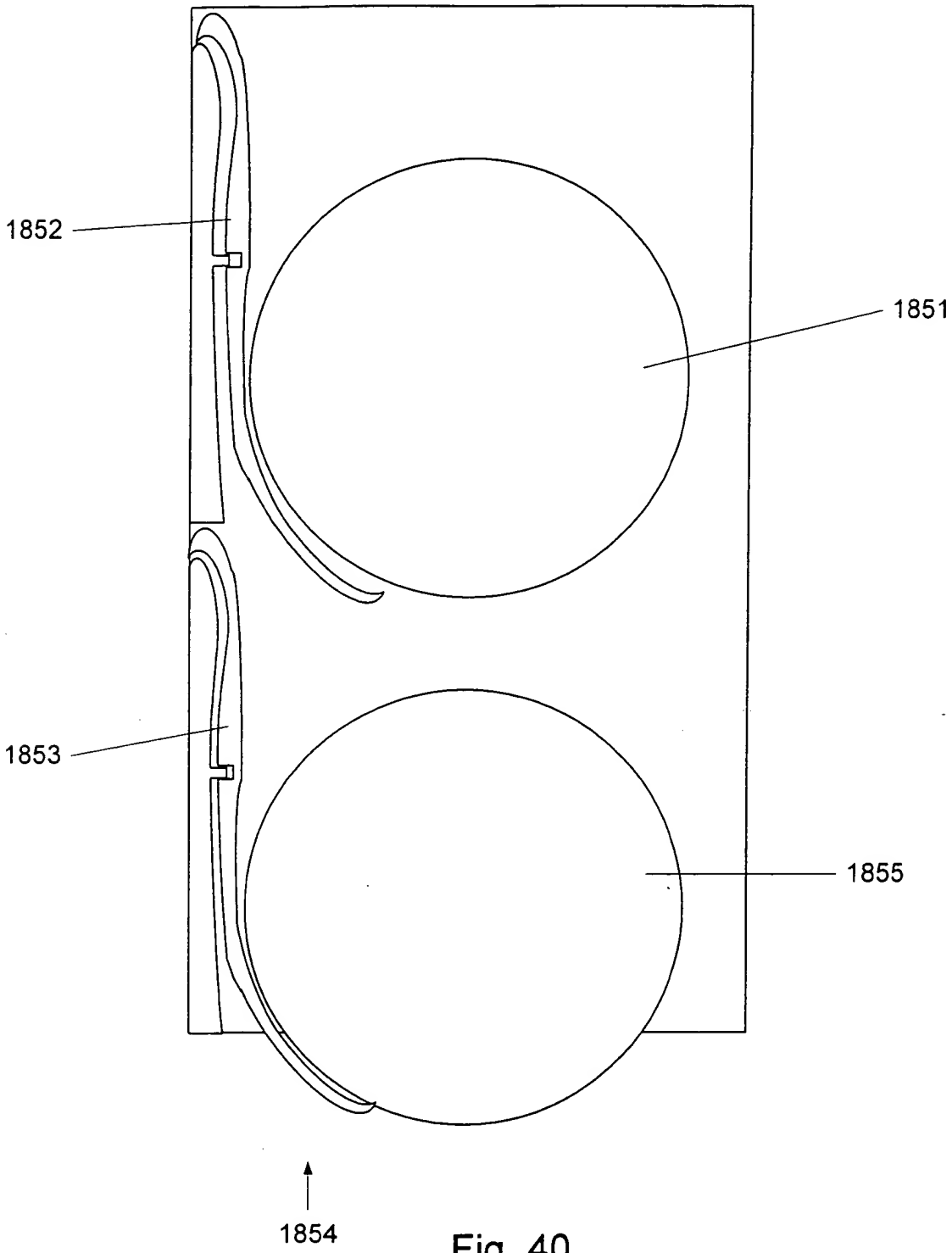


Fig. 40

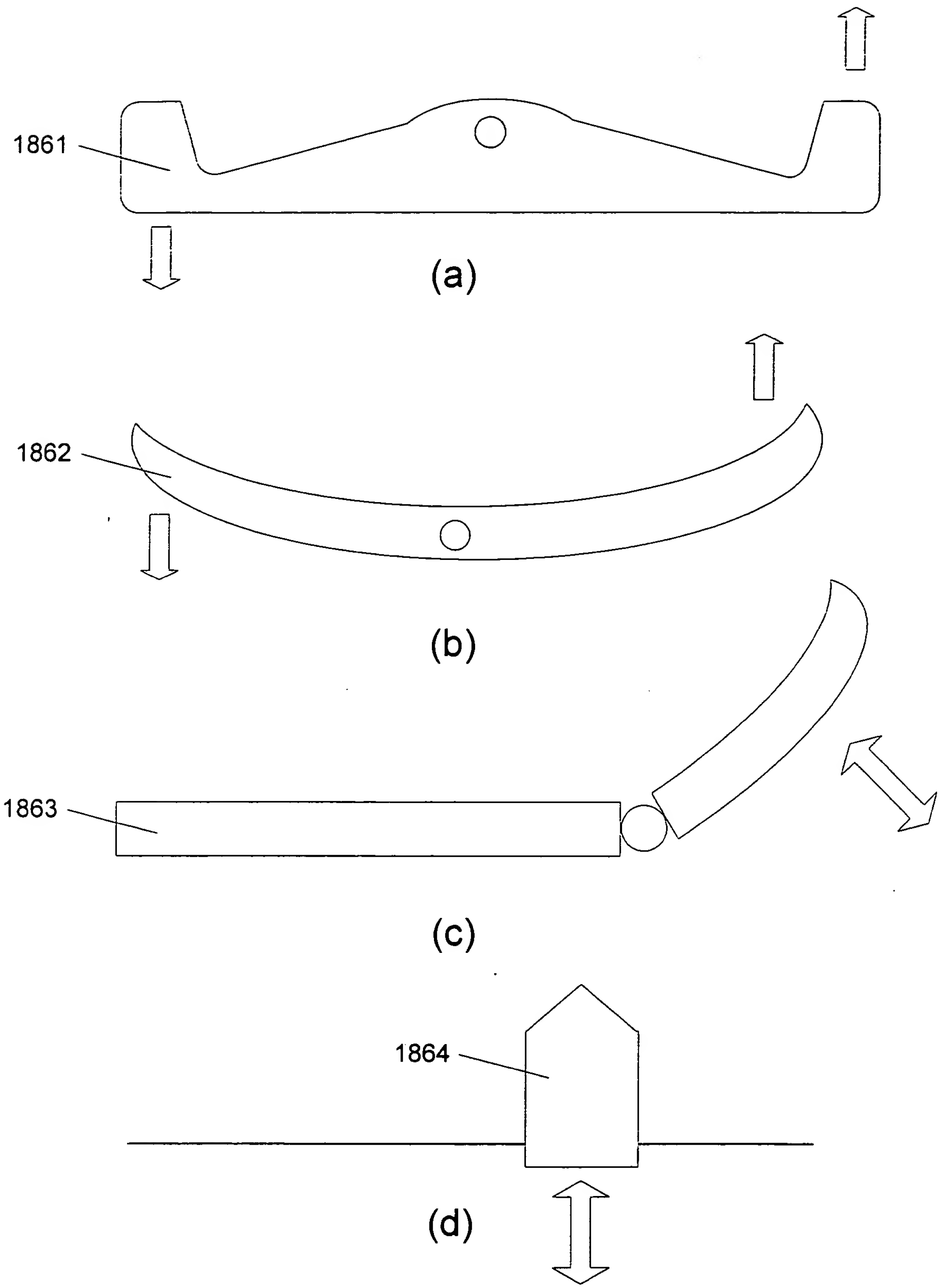


Fig. 41

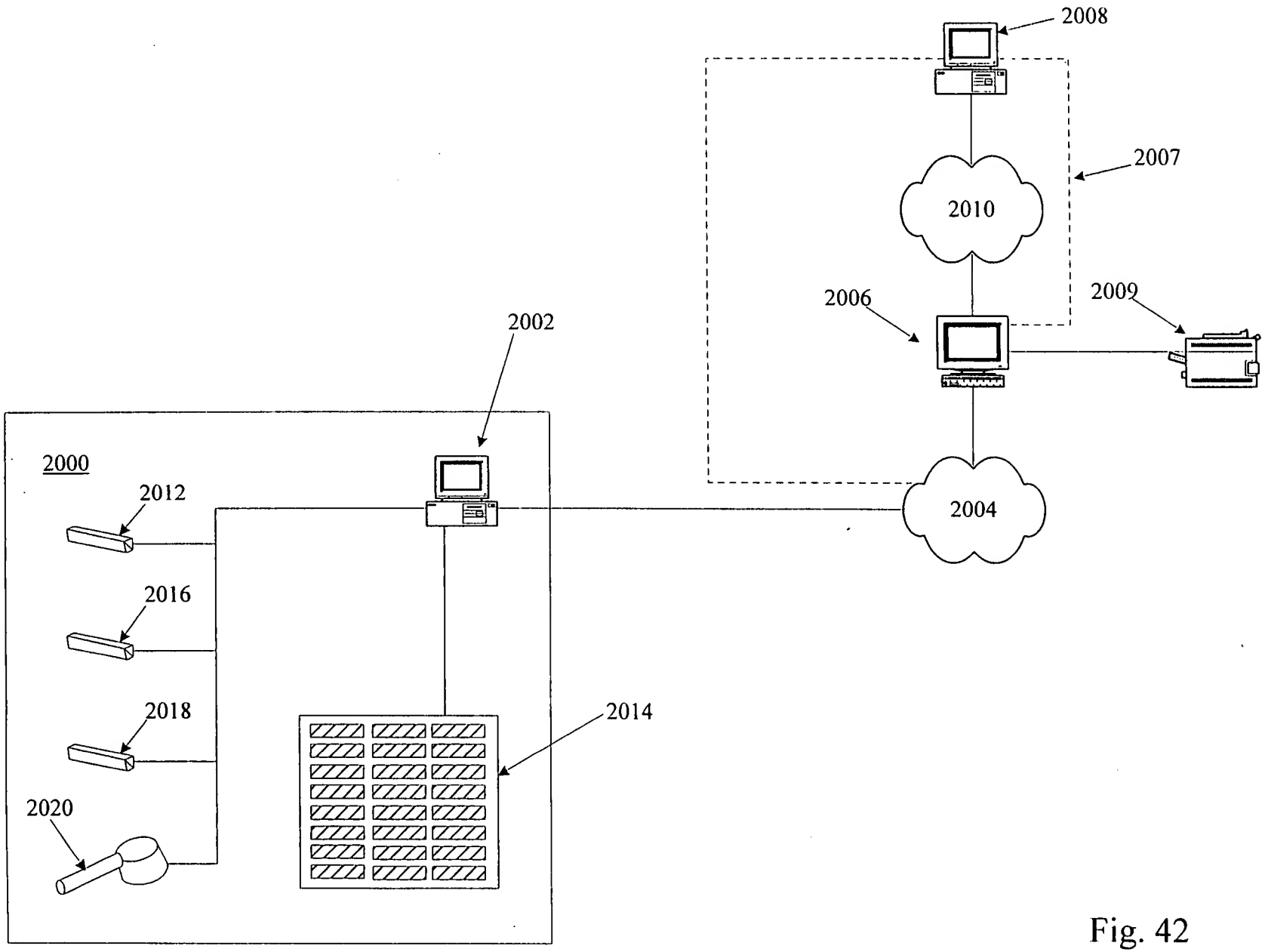

2008
2007
2010
2006
2009
2002
2000
2012
2004
2016
2018
2014
2020

Fig. 42

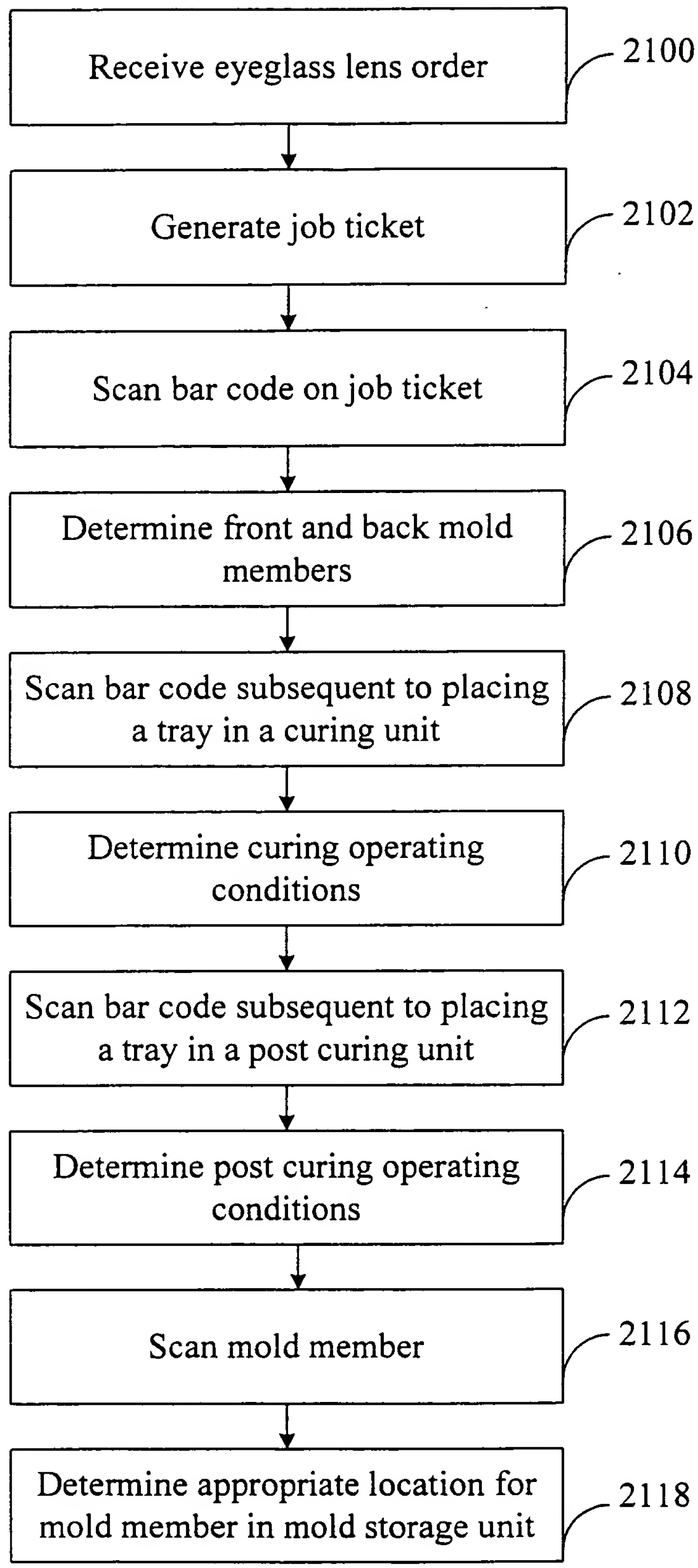


Fig. 43

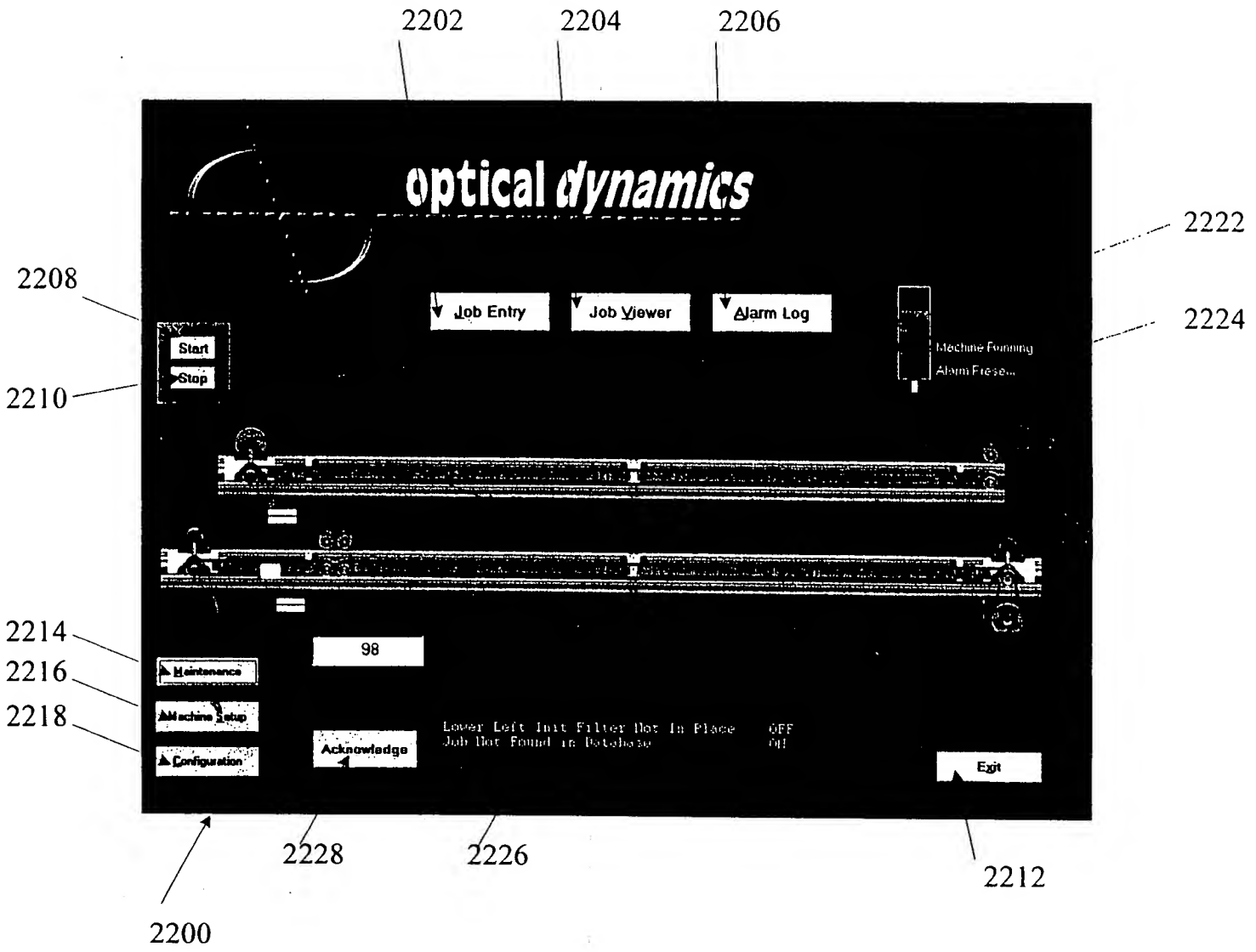


Fig. 44

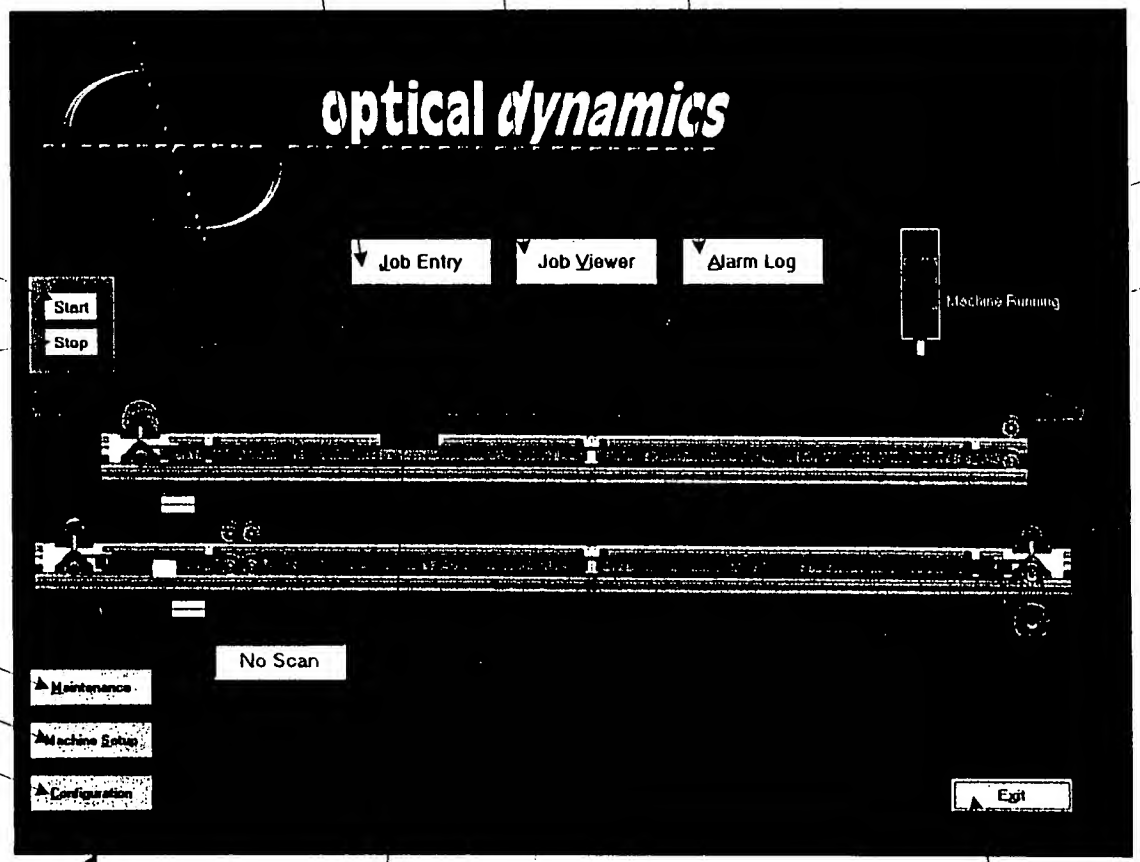

2202
2204
2206
optical dynamics
2222
2208
Job Entry
Job Viewer
Alarm Log
2224
Start
Stop
2210
Machine Running
No Scan
2214
2216
2218
Maintenance
Machine Setup
Configuration
Exit
2200
2220
2212

Fig. 45

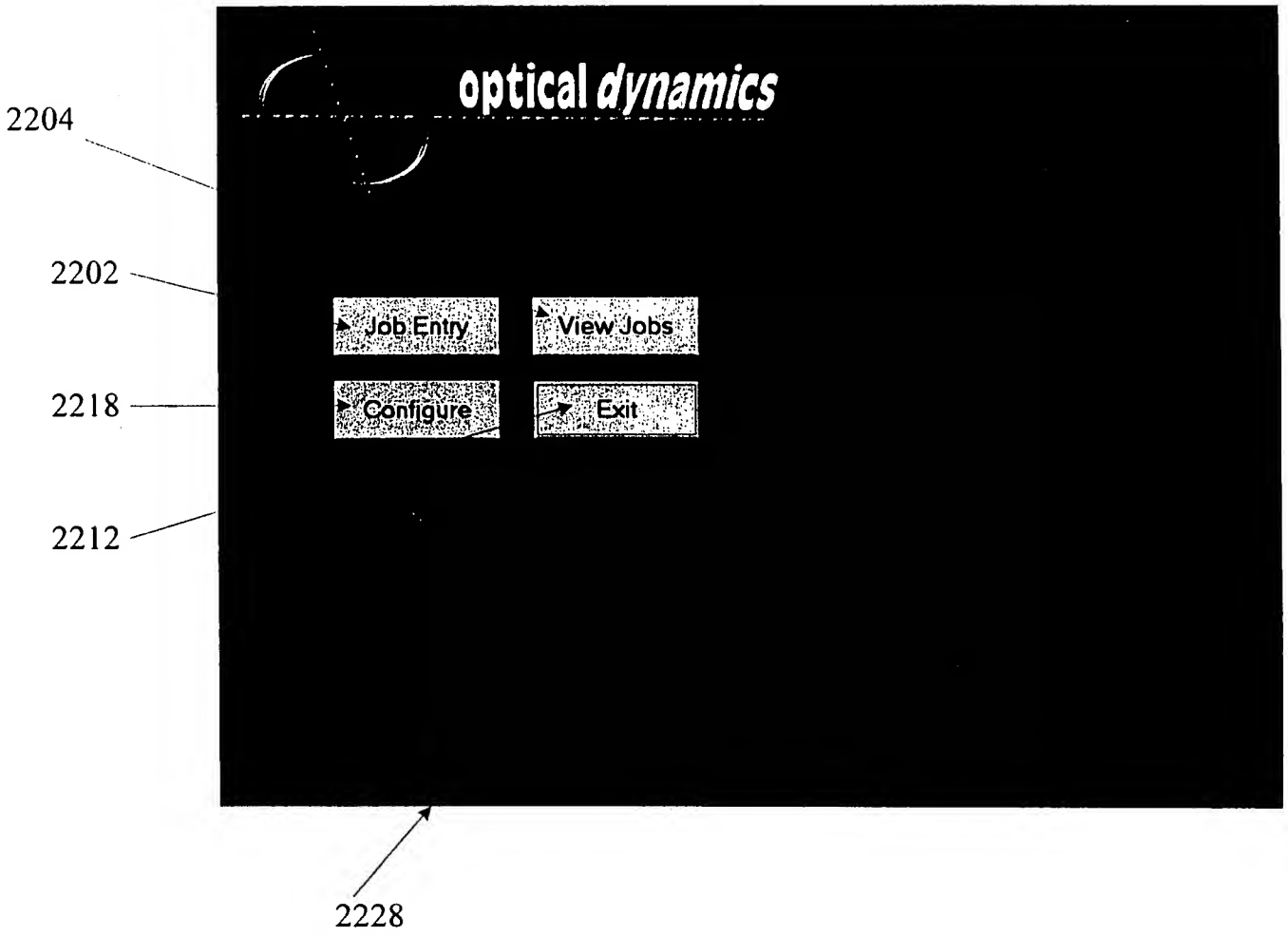


Fig. 46

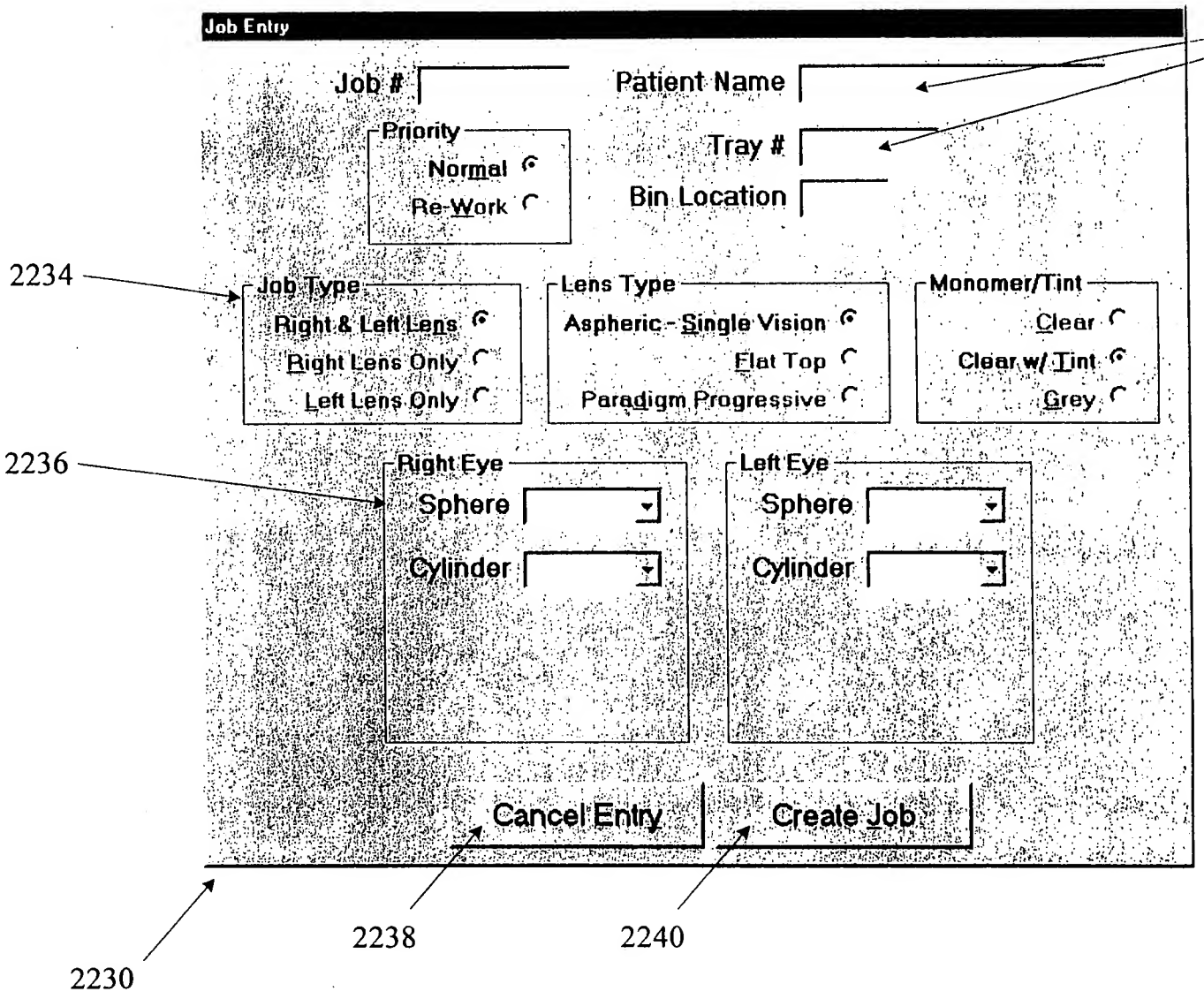

Job Entry
Job #
Patient Name
Priority
Normal
Re-Work
Tray #
Bin Location
Job Type
Right & Left Lens
Right Lens Only
Left Lens Only
Lens Type
Aspheric - Single Vision
Flat Top
Paradigm Progressive
Monomer/Tint
Clear
Clear w/ Tint
Grey
Right Eye
Sphere
Cylinder
Left Eye
Sphere
Cylinder
Cancel Entry
Create Job
2232
2234
2236
2238
2240
2230

Fig. 47

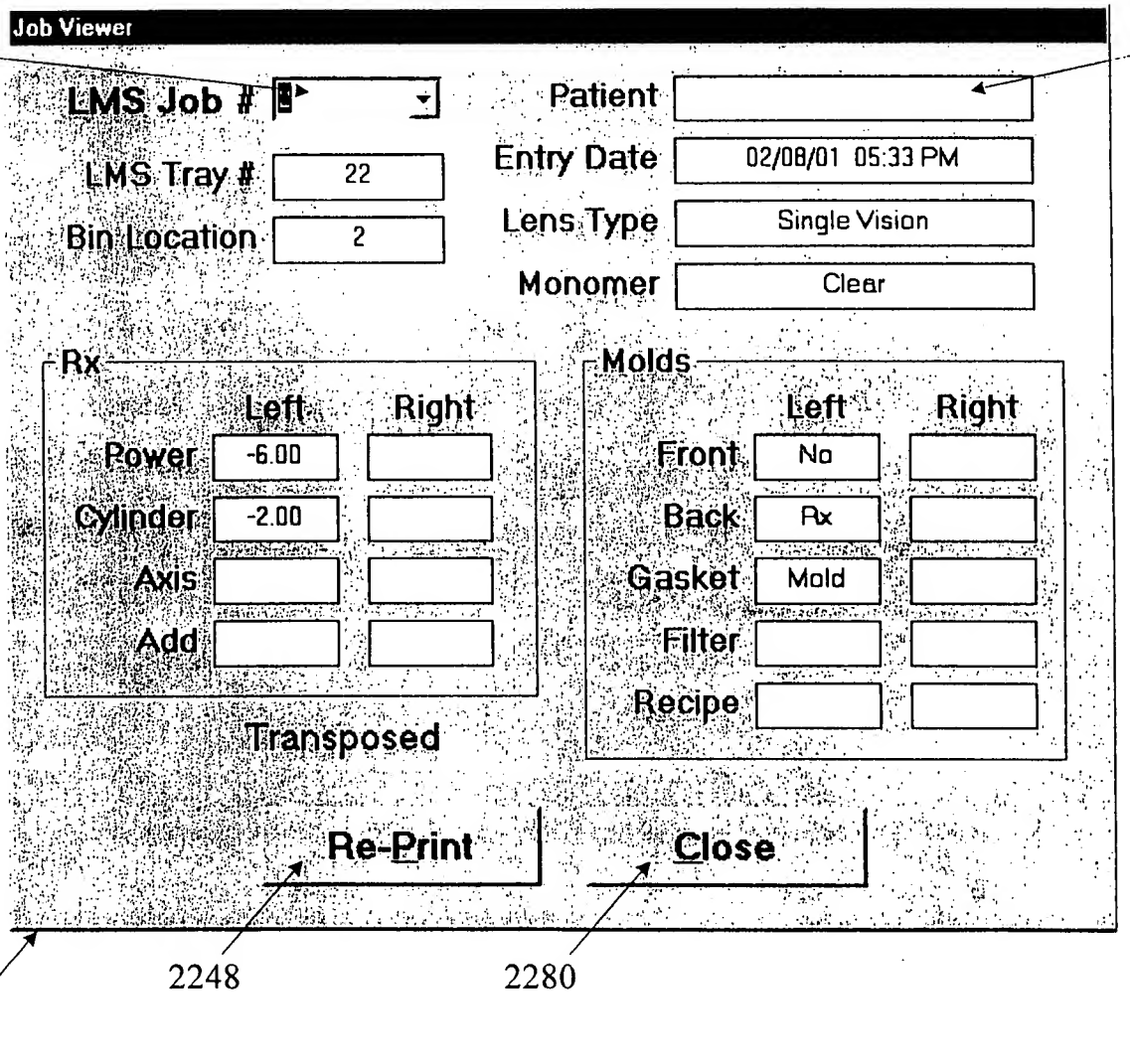

Job Viewer
LMS Job #
LMS Tray #
22
Bin Location
2
Patient
Entry Date
02/08/01 05:33 PM
Lens Type
Single Vision
Monomer
Clear
Rx
Left
Right
Power
-6.00
Cylinder
-2.00
Axis
Add
Molds
Left
Right
Front
No
Back
Rx
Gasket
Mold
Filter
Recipe
Transposed
Re-Print
Close
2244
2246
2248
2280
2242

Fig. 48

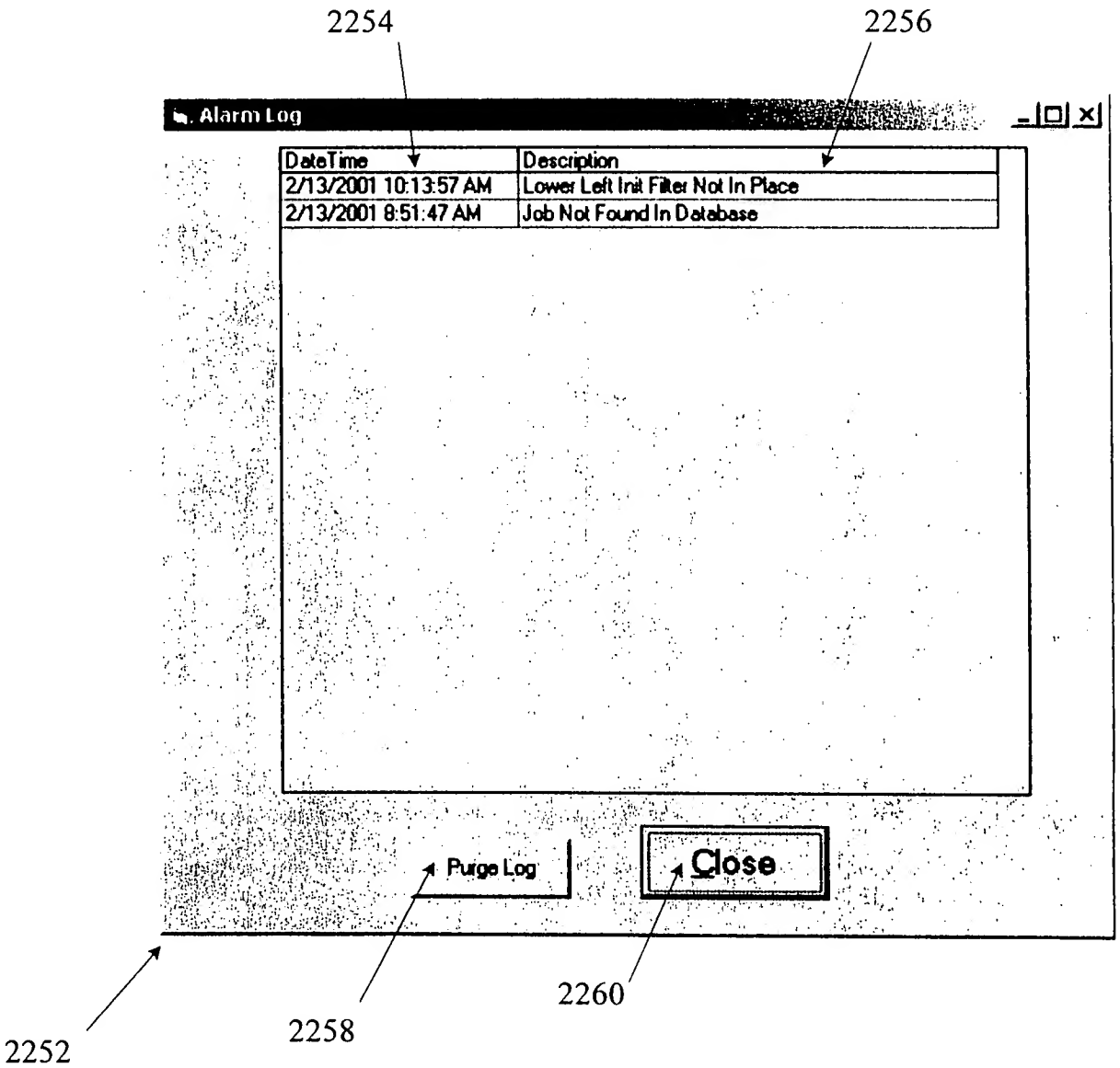


Fig. 49

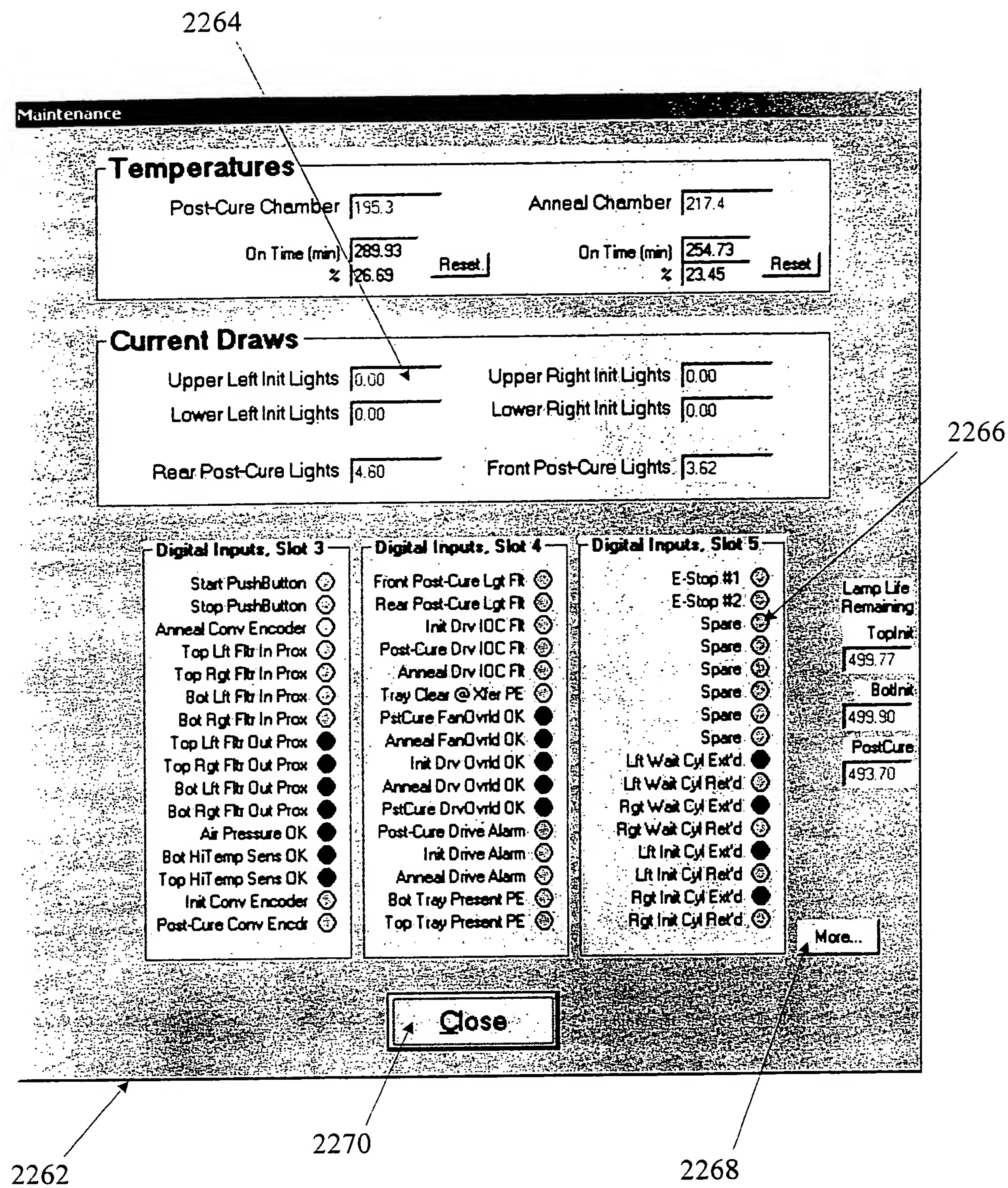

2264
Maintenance
Temperatures
Post-Cure Chamber 195.3
Anneal Chamber 217.4
On Time (min) 289.93
% 26.69
Reset
On Time (min) 254.73
% 23.45
Reset
Current Draws
Upper Left Init Lights 0.00
Upper Right Init Lights 0.00
Lower Left Init Lights 0.00
Lower Right Init Lights 0.00
Rear Post-Cure Lights 4.60
Front Post-Cure Lights 3.62
2266
Digital Inputs, Slot 3
Start PushButton
Stop PushButton
Anneal Conv Encoder
Top Lft Fltr In Prox
Top Rgt Fltr In Prox
Bot Lft Fltr In Prox
Bot Rgt Fltr In Prox
Top Lft Fltr Out Prox
Top Rgt Fltr Out Prox
Bot Lft Fltr Out Prox
Bot Rgt Fltr Out Prox
Air Pressure OK
Bot HiTemp Sens OK
Top HiTemp Sens OK
Init Conv Encoder
Post-Cure Conv Encdr
Digital Inputs, Slot 4
Front Post-Cure Lgt Flt
Rear Post-Cure Lgt Flt
Init Drv IOC Flt
Post-Cure Drv IOC Flt
Anneal Drv IOC Flt
Tray Clear @ Xfer PE
PstCure FanOvrld OK
Anneal FanOvrld OK
Init Drv Ovrld OK
Anneal Drv Ovrld OK
PstCure DrvOvrld OK
Post-Cure Drive Alarm
Init Drive Alarm
Anneal Drive Alarm
Bot Tray Present PE
Top Tray Present PE
Digital Inputs, Slot 5
E-Stop #1
E-Stop #2
Spare
Spare
Spare
Spare
Spare
Spare
Lft Wait Cyl Ext'd
Lft Wait Cyl Ret'd
Rgt Wait Cyl Ext'd
Rgt Wait Cyl Ret'd
Lft Init Cyl Ext'd
Lft Init Cyl Ret'd
Rgt Init Cyl Ext'd
Rgt Init Cyl Ret'd
Lamp Life Remaining
TopInit
499.77
BotInit
499.90
PostCure
493.70
More...
Close
2262
2270
2268

Fig. 50

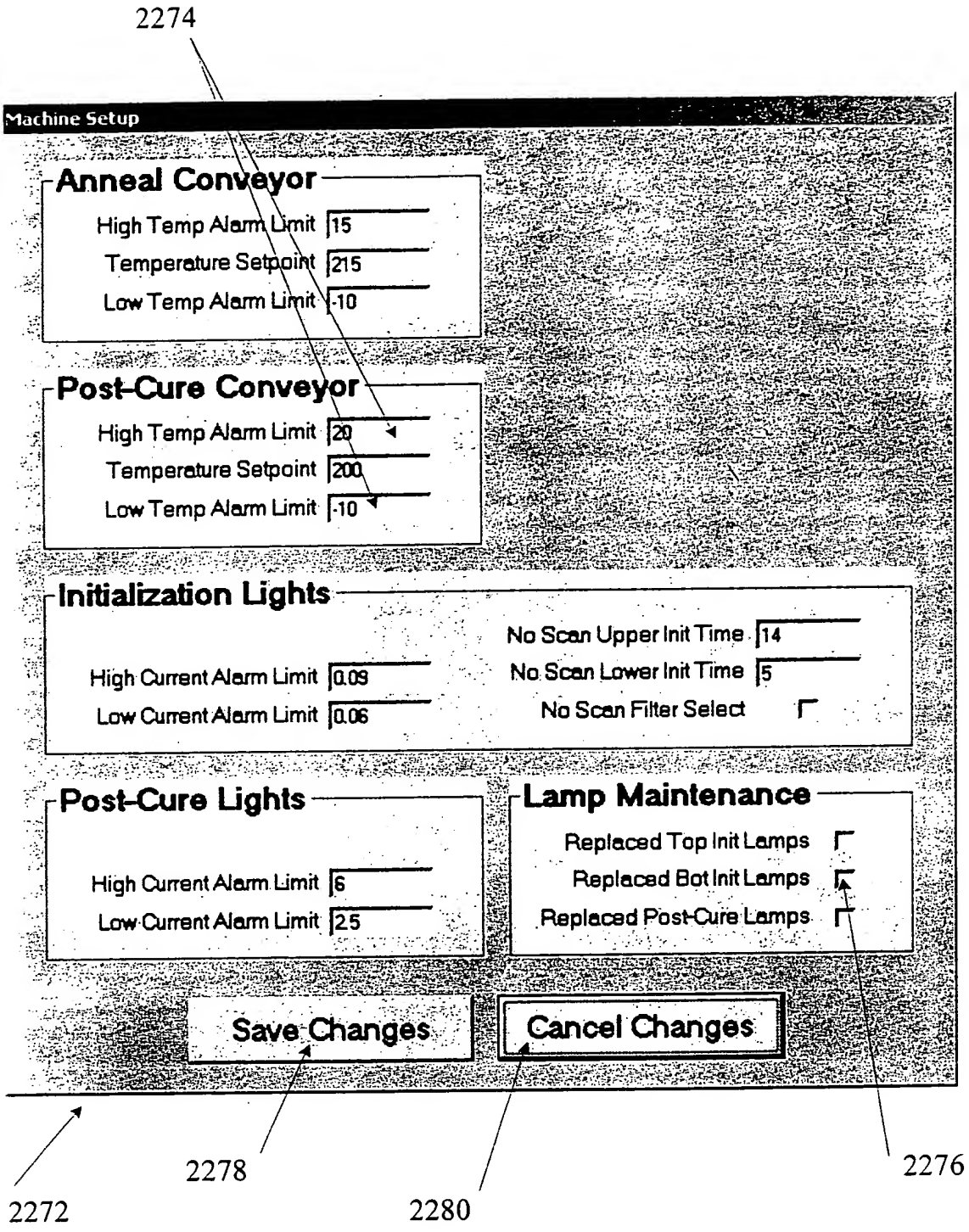

2274
Machine Setup
Anneal Conveyor
High Temp Alarm Limit 15
Temperature Setpoint 215
Low Temp Alarm Limit -10
Post-Cure Conveyor
High Temp Alarm Limit 20
Temperature Setpoint 200
Low Temp Alarm Limit -10
Initialization Lights
High Current Alarm Limit 0.09
Low Current Alarm Limit 0.06
No Scan Upper Init Time 14
No Scan Lower Init Time 5
No Scan Filter Select
Post-Cure Lights
High Current Alarm Limit 6
Low Current Alarm Limit 2.5
Lamp Maintenance
Replaced Top Init Lamps
Replaced Bot Init Lamps
Replaced Post-Cure Lamps
Save Changes
Cancel Changes
2272
2278
2280
2276

Fig. 51

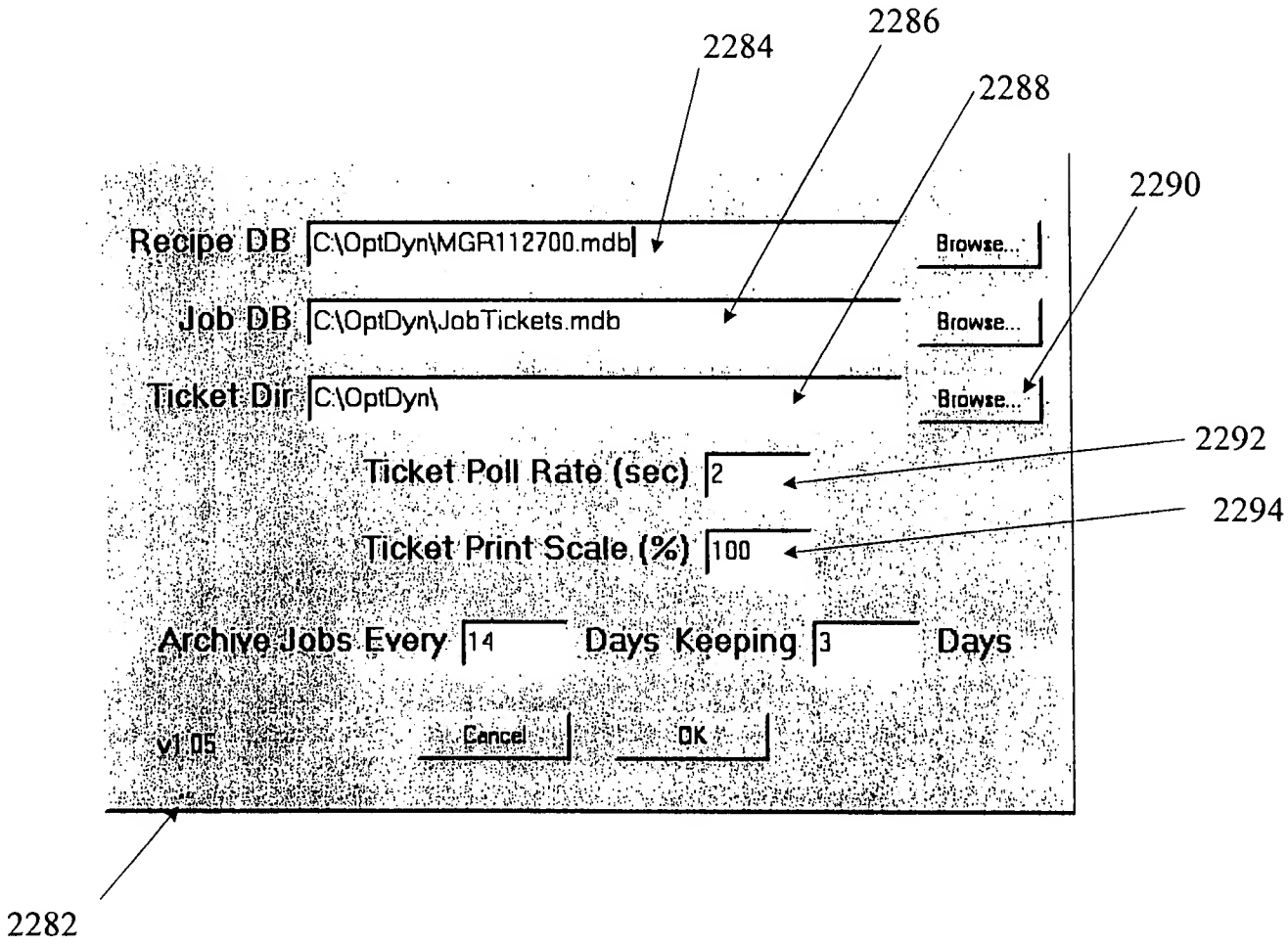

2284
2286
2288
2290
2292
2294
2282
Recipe DB
C:\OptDyn\MGR112700.mdb
Browse...
Job DB
C:\OptDyn\JobTickets.mdb
Browse...
Ticket Dir
C:\OptDyn\
Browse...
Ticket Poll Rate (sec)
2
Ticket Print Scale (%)
100
Archive Jobs Every
14
Days Keeping
3
Days
v1.05
Cancel
OK

Fig. 52

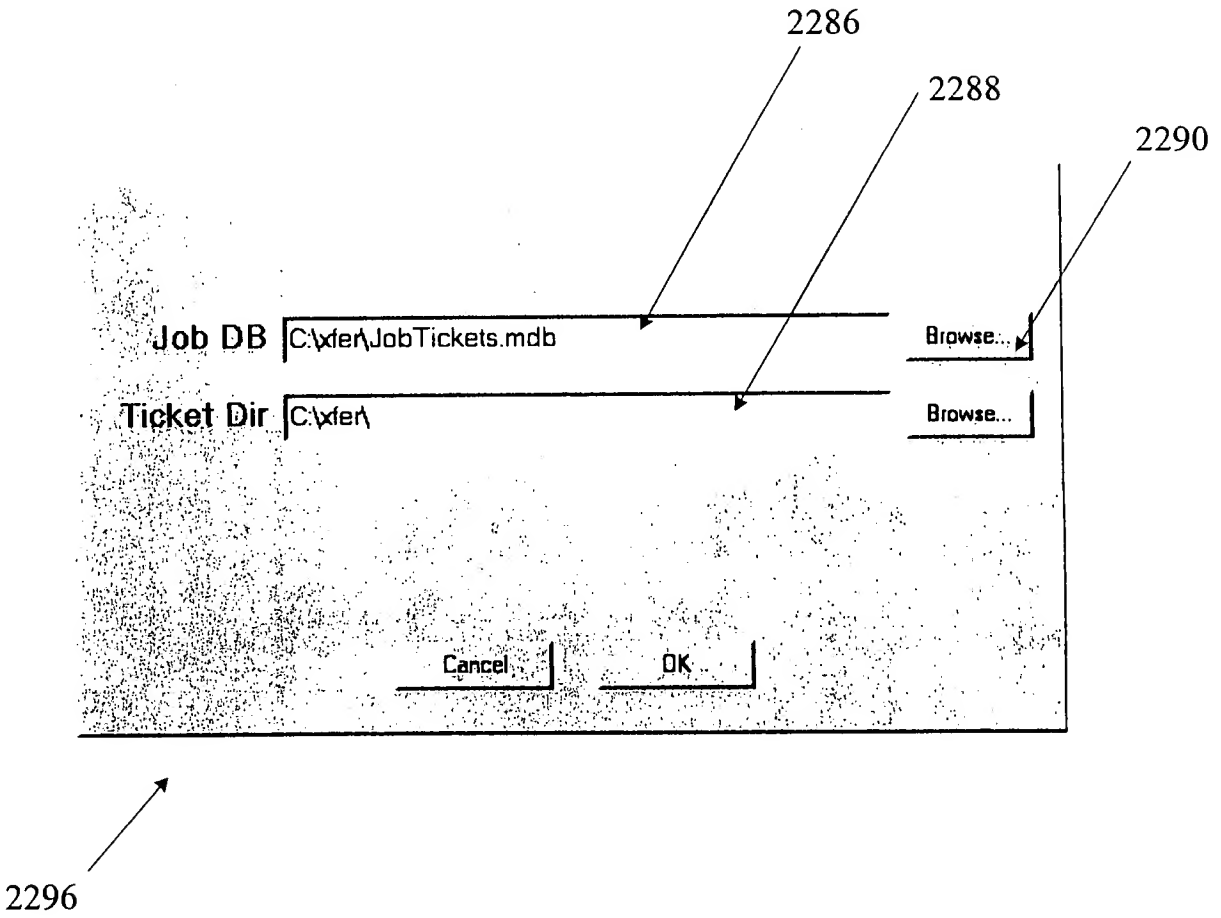


Fig. 53